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> 05/05/95 STR 1118   "The Original * Independent * OnLine Magazine!"
   """"""""""""""""""
 - STR INDUSTRY REPORT   - STReport on The WEB!   - Nintendo Virtual
Boy
 - Internet Publisher   - Novell offers Internet   - Gateway Pentiums

 - Frankie's Corner   - Microsoft Kid's Mouse   - eWorld Update
 - WordPerfect HTML/SMGL   - People Talking   - Jaguar NewsBits

                       -* PUBLISHER FOR WINDOWS 95! *-
                        -* HP TO USE AMD CLONES *-

-* IBM TO PRELOAD WIN95 ON ITS PCS! *-

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                   STReport International OnLine Magazine
                  The Original * Independent * OnLine Magazine
                           -* FEATURING WEEKLY *-
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                  Hardware - Software - Corporate - R & D - Imports
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nvited to
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               LottoMan V1.3 Results: Florida Lotto; 05/06/95: 3 3# matches
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 > From the Editor's Desk   "Saying it like it is!"
    """"""""""""""""""""""

      It was as inevitable as the march of time itself... The Information High
way has
 proven itself to be _the_ coming thing. Of this there can be no doubt. On the
 Highway,
 there are no real or implied impediments to the wonders of creativity other tha
n good
 moral sense and taste. As such, there are very little, if any, of the narrow m
inded
 corporate types that infest the online services uttering; "we (meaning Mr.. hig
h and
 mighty himself) don't feel that type of product is exactly what we are looking
for.
 Controversy and the true stories, honest reviews and faithful endorsements, Pic

tures and
 voice overs don't attract?? Up to date news and inside track scoops don't attr
act
 readers, users, subscribers?? These stagnant corporate types are the very pitf
alls
 (cancerous growths) the major networks are slowly dying from. Sure, they (the
major
 networks) are offering freebies and candy now, but as soon as the new users SEE
 what's
 really on the Internet and the WEB especially, the major networks are in very s
erious
 trouble. What are the majors going to offer once the new users see they can ge
t so much
 more in value by going through a server such as InternetMCI than accessing the
Internet
 via an expensive online service?? These "pinstripe suits" are actually deadly

 liabilities to these online services their elitist attitudes have actually allo
wed the
 Internet and all its "warts" to literally "blow away" even the biggest of big w
hen it
 comes to online participation. This very narrow-minded pinstripe suited group
are the
 very ones that literally killed an online service that we are all familiar with
. The
 "wake-up alarms" are ringing. I'm willing to bet they're too deaf from all the
 applause
 they've given themselves instead of paying attention to the users.

        The Internet is growing in leaps and bounds. Most all major software pub
lishers
 are making powerful provisions in their new software or updates to allow users
to enjoy
 the 'net to its fullest degree. The WEB.... the name's not pretty, but it sure
 tells
 the true story. It is like a spider web. Once you've seen it and used it ther
e is no
 turning back. Its fantastic. Of course at slow modem speeds the graphics can
drag on a
 bit. Sure, you'll hear the "purists" say they go in using text only mode. Hah
! They
 remind me of the types who say; "it was good enough for my father.... its good
enough
 for me." Who do they think they are fooling? Its only themselves they are foo
ling.
 Honestly, you do need a fast modem and a good connection. You need that anyway
 if you
 are doing any type of serious modeming.   The Online Services had better wake u
p and
 "get with it" or the 'Net is going to take it all. As it appears now, this rep
orter's
 opinion is, ("saying it like it is"), "the Internet is well on its way to oblit
erating a
 number of the online services in fact, in mho, of the big five services; (CIS,
AOL,
 Delphi, Prodigy, Genie), only one stands any chance at all. The rest will soon
 be
 pricey and slow gateways to the 'Net or gone.

        The Telecommunications Revolution is upon the computing community. The s

hame is
 the powerful decision makers at the Online Services appear to have little or no
 clue as
 to what its all about. They're still busy being smug, conservative pinstriped
dregs in
 the face of the telecommunications awakening. We will, over the next few years
, be
 witness to the "big shake out" of the online pay services. The signs are all t
here.
 Certain of those connected with these services who are "savvy" have already mad
e changes
 and shifts to ensure a spot in the scheme of things for themselves. Unfortunat
ely, some
 still haven't a clue. Some because of themselves and others because they are n
ot up to
 another competitive climb. The stiffly structured Online Service (again the bi
g five)
 of today, that tells you what you are going to and not going to see, do, post,
etc.. Is
 dead meat. The wide open, free style of the 'Net is what's happening ..period.
  Sure,
 there are the political Exon's out there who'll try and tell you the "Net is th
e Devil's
 Playground" these _panic mongers_ and wacky zealots who love to complicate our
lives
 with goofy laws hoping to make names for themselves are not going to survive th
e
 efficiency of the 'Net. You see, no sooner do they jump up with this nonsense,
 the
 modern day Paul Reveres notify the entire country in a matter of moments of the
 pending
 skullduggery. This, coupled with the fact that the computing community is far
better
 informed and educated than the politicians give them credit for. Yes indeed yo
u are
 correct, I put the crafty politicians in the same class as the "enlightened exe
cutives
 at the Online Services. They haven't a clue as to how far ahead the 'Net and i
ts users
 are.

                              Ralph...

 Of Special Note:

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 STReport is now ready to offer much more in the way of serving the Network
s, Online
 Services and Internet's vast, fast growing userbase. We now have our
 very own
 WEB/NewsGroup/FTP Site and although its in its early stages of construction, d
o stop by
 and have a look see. Since We've received numerous requests to receive STRepo

rt from a
 wide variety of Internet addressees, we were compelled to put together an
 Internet
 distribution/mailing list for those who wished to receive STReport on a regul
ar basis,
 the file is ZIPPED, then UUENCODED. Unfortunately, we've also received a
number of
 opinions that the UUENCODING was a real pain to deal with. So, as of this
 weekend,
 you'll be able to download STReport directly from our WEB Site. In any
case, our
 mailing list will continue to be used for at least the next eight weeks. At t
hat time,
 however, it will be discontinued upon each of our readers having recei
ved their
 information packet about how they may upgrade their personal STR News Services.

                   ""

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   """"""""""""""""""

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                                    """"""""""""""""""
                                   Ralph F. Mariano

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 > STR INDUSTRY REPORT                 LATE BREAKING INDUSTRY-WIDE NEWS
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                        IBM/POWER-PC/PC SECTION (I)
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                      Computer Products Update - CPU Report
                      -----------------------   ----------
                      Weekly Happenings in the Computer World

                                  Issue #19

                      Compiled by: Lloyd E. Pulley, Sr.



                    ******* General Computer News *******



                      >> TI Wins $51.8M Patent Judgment <<

     After an eight-day trial, a federal jury in Dallas has awarded Texas Instrum
ents Inc.
 a $51.8 million patent-infringement verdict against California semiconductor ma
kers
 Cypress Semiconductor Corp., VLSI Technology Inc. and LSI Logic Corp.

     Reports say the jury decided the three firms violated two TI patents that co
vered a
 process to encapsulate semiconductors in plastic.  (TI says its technology redu
ced costs
 by providing a reliable packaging alternative to ceramics.)

     Commenting on the ruling, TI attorney Richard J. Agnich told McCartney, "We
continue
 to wage the fight for intellectual-property protection worldwide, and it is hea
rtening
 that this jury agreed with our contention. We're very pleased with the decision
. Respect
 for intellectual-property rights is critical to the health of our industry."
```

It isn't over, though, because Cypress, LSI and VLSI say they will appeal. S
ays
 Cypress CEO/President T.J. Rogers, "We will fight it with every means at our di
sposal."

                    >> Gateway Offers Home Pentium PC <<

    Gateway 2000 Inc. has announced the P5-100 Family PCT, the newest member in
its line
 of home-oriented multimedia computers.

    The P5-100 Family PC, based on a 100MHz Pentium CPU, is priced at $2,999 and
 joins
 the company's current 66MHz 486DX2 and 60MHz, 75MHz and 90MHz Pentium Family PC
 models.

    The P5-100 Family PC comes with a 1GB hard disk and a 64-bit PCI graphics ac
celerator
 with 2MB of DRAM. Other standard features include a 17-inch Vivitron monitor; a

 CompuServe starter kit; 8MB of RAM; a four speed, three-CD-ROM changer; and a T
elePath
 IIv 14.4 data/fax modem. Numerous software titles are also included.

                    >> IBM to Preload Win95 on PCs <<

    Despite its substantial investment in OS/2 Warp, IBM Corp. has announced tha
t its PCs
 will also run Windows 95 when the new Microsoft Corp. operating system becomes

 available.

    IBM says it is working with Microsoft to ensure system compatibility and sup
port of
 Windows 95 for its customers, including support of the Plug and Play Specificat
ion 1.0A.

    IBM also says it intends to preload Windows 95 on selected desktop and mobil
e systems
 and will provide customer support for these preloaded systems through IBM HelpC
enters
 worldwide. In addition, IBM will work with Microsoft to establish a technical s
upport
 team to ensure customers that Windows 95 is compatible with IBM hardware.

                    >> Microsoft Unveils Kids Mouse <<

    Microsoft Corp. has announced EasyBall, a computer mouse designed for childr
en ages 2
 to 6.

    Compatible with Windows- and DOS-based PCs, EasyBall is designed to resemble
 a bright
 yellow sun surrounded by Saturn-like rings. The device will ship with a copy of

 Microsoft Explorapedia: The World of Nature, a children's interactive encyclope

dia.

   Microsoft notes that EasyBall's design offers improved control for little ha
nds as
 well as flexible software that's designed to grow with the child. In Microsoft
usability
 testing, EasyBall was preferred by kids over all the other mouse products teste
d, says
 Microsoft.

   EasyBall is scheduled to become available in September for $54.95.

                        >> Toshiba Cools Oregon Rumors <<

   Japanese electronics giant Toshiba Corp. says that, while it is considering
a new
 chip plant abroad, it is not confirming reports it will build a $1 billion faci
lity near
 Portland, Oregon.

   The Electronic Engineering Times is reported as saying it has learned the pl
ant is
 coming to Oregon, possibly with some investment from IBM. (It would be the fir
st chip
 facility for Toshiba outside of Japan).

   However Toshiba officials as saying no decision has been made on location, f
orm and
 size of investment, or products to be manufactured at the prospective factory.

                        >> Dell Preloads Win95 Beta <<

   Dell Computer Corp. says it's offering customers a limited number of compute
rs
 preloaded with an evaluation copy of Windows 95.

   "The Dell evaluation platform for Microsoft Windows 95 will allow some Dell
customers
 the opportunity to preview Windows 95 before its official release," says Sue Ki
ng,
 director of software development at the Austin, Texas-based computer maker. "Th
is
 offering will allow Dell and a group of interested customers to experience Wind
ows 95 in
 a controlled, limited environment, before the large scale launch of Windows 95,
 which is
 expected later this year."

   Upon official release from Microsoft, Windows 95 will be offered across Dell
's
 desktop and notebook products and will also be the default operating system ava
ilable on
 all of Dell's desktop and notebook lines.

   Windows 95 is scheduled for an August release.

>> Nintendo Unveils Virtual Boy <<

Nintendo of America Inc. reports that Virtual Boy, its new video game system, will be
launched in the U.S. on Aug. 14.

The $179.95 unit, which Nintendo describes as a "three-dimensional, virtual

immersion, 32-bit video game system," will be backed by more than $25 million in
marketing.

Virtual Boy will be bundled with a game title and a double-grip controller. An AC
adapter will become available later this year.

Virtual Boy is a RISC-based, 32-bit system that uses two high-resolution, mirror
scanning LEDs to produce a 3-D experience. Notes Nintendo: "Its unique design eliminates
most external stimuli, totally immersing players into their own private universe with
high- resolution red images against a deep, black background. The 3-D experience is
enhanced through stereophonic sound and a new, specially designed, double-grip

controller which accommodates multi-directional spatial movement."

"We're bringing a totally unique, 3-D gaming experience to market at an affordable
price and in time to get a jump on the holiday shopping season," says Peter Main, vice
president of marketing for the Redmond, Washington-based company. "We expect to sell
more than 1.5 million hardware units and 2.5 million pieces of software by the end of
1995."

>> Panasonic Cuts Notebook Prices <<

Price cuts of up to $1,100 are being made by Panasonic Personal Computer Co. on its
high-end multimedia notebook computers with integrated CD-ROM drives.

Reports quotes officials with the Panasonic unit of Matsushita Electric Industrial
Co. Ltd., as saying prices on the V41 line now start at $3,199 and vary depending on the
memory, the display monitor and hard disk capacity, among other items. The company
listed its highest V41 price as $7,399.

The officials also said the company has cut prices on its V21 notebook computer line,
offering them for a range of $2,099 to $4,099.

>> Japanese Firm Re-Packs Floppy <<

Working with two U.S. firms the Matsushita-Kotobuki Electronics Industries L
td. has
 developed a floppy disk and compatible drive with the largest-ever storage capa
city of
 120MB.

    Sources say the new drive can read and write data on existing 3.5-inch flopp
y disks
 as well.

    The company says it has developed the products jointly with Compaq Computer
Corp. and
 3M Data Storage Products.

    The developers say the new disk's capability equals the data storage potenti
al of 83
 3.5-inch high-density floppy disks, noting that the previous best was a U.S.-de
veloped
 floppy disk capable of storing 100 megabytes.

    Look for the new disk and drive to be commercialized later this year.

                        >> Game Software Alliance Formed <<

    Entertainment software publisher Electronic Arts says it has acquired a mino
rity
 stake in NovaLogic Inc., an interactive game maker.

    Electronic Arts also reports that NovaLogic has signed a four-year agreement
 under
 which Electronic Arts will have exclusive distribution rights for NovaLogic's C
D- and
 floppy- based entertainment software in English-speaking countries.

    Founded in 1985, NovaLogic's products include Comanche, Armored Fist, WolfPa
ck and
 Ultrabots. Electronic Arts says the company pioneered real-time interactive 3-D

 rendering for the PC with its proprietary Voxel Space technology.

    The NovaLogic deal is the latest in a string of software publishing investme
nts and
 acquisitions made by Electronic Arts over the past several months.

                        >> HP to Use AMD '486 Clones in PC <<

    Advanced Micro Devices Inc. says Hewlett-Packard Co. will begin producing PC
s powered
 by AMD's Am486 microprocessors.

    According to AMD, HP will use the CPUs in some of its desktop PC systems. Th
e models
 are scheduled to begin shipping this summer.

    "Because of continued, strong demand for 486 microprocessor-based systems, w
e need to
 take advantage of the opportunity to solidify our microprocessor supply," says
Richard

C. Watts, vice president and general manager of HP's personal information products
 group.

    AMD is the world's second-leading supplier of Windows-compatible PC microprocessors,
 following only Intel Corp. AMD has shipped more than 75 million microprocessors
 since
 1982 and more than 30 million CPUs in the last three years.

                        >> IBM Unveils New ThinkPads <<

    IBM Corp. has added two new models to its ThinkPad notebook computer line. One of the
 systems features a unique screen that allows the PC to work with an overhead projector.

    The ThinkPad 755CV's snap-off active-matrix screen panel gives the system the ability
 to "piggyback" onto standard overhead projectors. With the PC's rear panel removed,
 images on the computer's screen become a see-through "slide show" that can be projected
 on a wall or screen by the overhead projector's lamp. An infrared remote control with 22
 special effects and built-in telephony features are also provided.

    The ThinkPad 755CV is set to become available on May 31. Prices will start at $6,799
 for a system featuring a 100MHz 486DX4 microprocessor, a 540MB hard disk and 8MB of RAM.

    IBM is also offering the ThinkPad 755CX, which includes a conventional active-matrix
 color screen, built-in telphony features, a lithium ion battery pack and a 75MHz Pentium
 CPU.

    The ThinkPad 755CX, with a 540MB hard disk and 8MB of RAM, is available now for
 $6,549.

                        >> HP Offers New Home Printer <<

    Reacting to the continued blossoming of the home PC market, Hewlett-Packard Co. is
 introducing new color inkjet printers designed specifically for households.

    Reports from HP's headquarters say the new printers include:

    -:- The HP DeskJet 660C printer for IBM compatibles, to replace HP's DeskJet
 560C.
    -:- The DeskWriter 660C, to serve the Apple Macintosh market.

    Michele Hamilton, HP deskjet product manager for the U.S. and Canada, said the
 printers, both of which will sell for about $499, are intended to offer improvements

over earlier models in terms of print quality and ease of use for no additional
 cost.

    "We're seeing a precipitous drop in PC prices fueling rapid growth of PCs in
to
 homes," she said, "and where PCs go, printers go."

    Hamilton added the new printers will be available in volume through retail o
utlets
 nationwide next month.

                        >> Intel Makes WavePhore Deal <<

    In a project to develop data broadcasting technology to receive data sent in
 TV
 signals, chipmaker Intel Corp. has formed a technology alliance with WavePhore
Inc.

    Sources say Intel has agreed to pay $500,000 cash along with license fees an
d
 royalties and may buy up to a quarter million shares of Wavephore.

    Reports say the agreement provides for WavePhore's licensing of technologies
 to Intel
 and Intel's granting to WavePhore of rights on the sale and distribution of pro
ducts
 incorporating WavePhore technologies.

                        >> IBM OS/2 Warp Sales Soar <<

    A study by Computer Intelligence InfoCorp (CII) reveals that sales of IBM's
OS/2 Warp
 operating system have increased more than 300% since the product first became a
vailable
 late last fall.

    According to CII's StoreBoard Channel Tracking service, sales of Warp in Mar
ch
 surpassed 46,000 copies. In November, Warp's first month on the market, just un
der
 11,000 copies were sold.

    StoreBoard also says its most recent figures indicate that Warp edged out Wi
ndows 3.1
 in retail market share during the first three months of 1995 - 19.5% versus 17.
9%. Only
 DOS managed a higher percentage (55.2%).

    CII ascribes much of Warp's success to the large investment IBM made in mark
eting,
 particularly in advertising targeted at the consumer market.

                        >> Apple Unveils TV Venture <<

    Apple Computer Inc. says it will provide the interactive TV set-top technolo
gy for a
 six- state trial of educational programming created by The Lightspan Partnershi

p Inc.

The computer maker notes that Lightspan is creating an interactive televisio
n service
 that will provide schools and homes with interactive curriculum programming for

 children. The will include a programming series for teaching reading and mathem
atics to
 children ages 4 to 12 and will be tested in ten school districts.

Additionally Apple and nCUBE Corp., a leading provider of interactive digita
l media
 server solutions, have announced a low-cost interactive TV development system w
hich will
 allow information service providers and content developers to create home shopp
ing,
 education, video-on-demand and other ITV applications.

The development system, dubbed nVision, will be marketed by nCUBE and will
 incorporate Apple technology. nVision, which includes nCUBE's video server, med
ia server
 software and Apple's interactive TV set-top technology, is among the first turn
key
 end-to-end development packages on the market.

>> HP Unveils Printer Promotion <<

Hewlett-Packard Co. has unveiled Cash In & Trade Up, a promotion that's desi
gned to
 encourage customers to trade in their HP and non-HP laser printers for credit t
oward the
 purchase of new HP LaserJet printers.

HP notes that by program participants can choose from new HP LaserJet printe
rs that
 include faster-page-per-minute engines, high-speed RISC processors, JetAdmin ne
twork
 printing management software, 600 dpi resolution, duplex printing options, micr
ofine
 toner and Resolution Enhancement technology (REt).

"There are millions of earlier LaserJet printer models in good working order
 that are
 still being used by customers," says Carolyn M. Ticknor, general manager of HP'
s
 LaserJet printer group. "HP customers have asked for a way to upgrade to new La
serJet
 printers without losing the value of their older printers."

To simplify trade-ins, HP will send packing and shipping materials and pay f
or
 freight costs. Deinstallation assistance will be provided for trade-ins of 25 o
r more
 printers.

All laser printers received by HP through the Cash In & Trade Up promotion w
ill be
 recycled and refurbished by HP's service organization.

The promotion begins May 1, and runs through Oct. 3. All authorized HP deale
rs will
 honor the promotion.

                  _____

 > PP'95 STR InfoFile
    """""""""""""""""""

 Micrografx Announces Preview Version

                        PICTURE PUBLISHER FOR WINDOWS 95
                        ================================

                      Fully Multi-Threaded Image Editor
                     to Highlight User Benefits of Windows 95

 Richardson, Texas (April-May, 1995) -- Micrografx, Inc. (NASDAQ: MGXI) has anno
unced the
 availability of a preview version of Picture Publisher for Windows 95 beta. Th
e
 application, which is the most complete multi-threaded and multi-tasking produc
t
 currently available, allows Windows 95 users to experience the true productivit
y and
 performance enhancements provided by the operating system.

 Anyone interested in Windows 95 (including Microsoft's 400,000 Windows 95 prev
iew users
 (can receive Micrografx Picture Publisher for Windows 95 beta by calling
 1-800-765-7859. The cost is free to registered users of the Windows 3.1 versio
n of
 Micrografx Picture Publisher 5.0, and $19.95 to all other users.

 "I am extremely enthusiastic about Windows 95 and the advantages it gives to pe
ople
 using computer graphics," said J. Paul Grayson, founder and CEO of Micrografx.

 "Micrografx is poised to meet with great success as we execute our Windows 95
 development strategy, and it's important we continue to share our success with
users."

 Micrografx Picture Publisher for Windows 95 is a fully exploitive 32-bit applic
ation.
 The use of multithreading is extensive throughout the program's features, inclu
ding all
 image enhancements and filters. Users will experience a 50% improvement in per
formance
 when working with large files and up to a 200% performance gains when applying
filters.
 Other enhancements include complete Windows 95 common dialogues and a customiza
ble

interface.

To help users fully experience Windows 95, Micrografx is offering a CD-ROM preview
version of Micrografx Picture Publisher for Windows 95 to all users running the Windows
95 beta software. The program is the most comprehensive Windows 95 application
available today, and employs multithreading for all commands in the application.

"Since the beginning of the PC and GUI revolution, Microsoft has always worked will with
Micrografx and are very pleased with their application plans for Windows 95," said Brad
Silverberg, vice president of Microsoft's Personal Systems division. "Picture Publisher
for Windows 95 offers Windows 95 users tremendous performance gains, and we expect the
application to be a leading example of true multithreading on the desktop."

Micrografx Continues to Lead in 32-Bit Application Development
----
One of the first independent software publishers to deliver graphics software for
Windows 1.0 in the mid-80's, Micrografx continues to help computer users fully exploit
the power of their PC.

The company's work with Windows NT and Windows 95 began in the summer of 1993, and
resulted in a "shipping beta" version of Picture Publisher 4.0 for Windows NT, which was
available to registered users of Picture Publisher. The project satisfied the needs of
the most technically demanding user of the product, and also provided valuable insight
into the process of porting and refining a true multi-threaded, multi-tasking
application. This experience has been leveraged during the Picture Publisher for
Windows 95 development, and has allowed Micrografx to enjoy a strong lead in Windows 95
applications.

Micrografx develops and markets graphics software to meet the creative needs of everyone
who uses a personal computer. Founded in 1982, Micrografx has become a leading software
publisher by responding quickly to customer and worldwide market needs. The company's
U.S. operations are based in Richardson, Texas, with a development office in San
Francisco. International subsidiaries comprise Canada, the United Kingdom, France,
Germany, Italy, the Netherlands, Australia, and Japan.

NOVELL OFFERS INTERNET ACCESS
AND
PUBLISHING TO END USERS

        Palm Springs, CA -- Spring 1995 -- Novell, Inc. Has announced WordPerfect

 Internet Publisher for Windows, a free add-on to WordPerfect 6.1 that allows us
ers to
 easily create and view documents on the Internet--without having to learn hyper
text
 markup language (HTML). Novell also announced WordPerfect Internet Publisher Pr
o for
 Windows, an open solution that provides users with seamless connectivity to the
 Internet
 from within WordPerfect 6.1. The two products will be available in early second
 quarter
 of 1995.

        "With the simple click of a button on the WordPerfect 6.1 toolbar, Interne
t users
 will be able to create, publish and view information anytime, anyplace," said M
ark
 Calkins, general manager of Novell's Business Applications Division. "Novell co
ntinues
 to define its vision of pervasive computing by providing the tools and the acce
ss for
 electronic publishing in a global data network."

        Using WordPerfect, the world standard in word processing, anyone will be a
ble to
 create documents for the World-Wide Web, a global document network of servers,
and
 communicate with millions of people. With support for the most popular Internet

 protocols, WordPerfect Internet Publisher and WordPerfect Internet Publisher Pr
o will
 give users the tools and the access to global information through the world's m
ost
 popular word processing interface.

 Easily Create and View Internet Files

        The Internet Publisher gives WordPerfect 6.1 users everything they need to
 create
 hypertext markup language (HTML) documents, the original document format of the

 World-Wide Web. A template guides them through the process of creating an HTML
document,
 and a conversion program automatically converts the WordPerfect document into a
 native
 HTML file. Users can access HTML features such as hypertext links, graphics and
 bullet
 lists through the WordPerfect toolbar. With these tools, users do not need to l

earn an
 HTML authoring tool or have a detailed knowledge of HTML.

      In addition to the HTML template, the Internet Publisher includes NetScape

 Navigator, a sophisticated browser for the World-Wide Web, with integrated Word
Perfect
 and Envoy viewers. The free availability of the WordPerfect and Envoy viewers e
nables
 users to publish documents directly on the Web in native WordPerfect or Envoy f
ormats.
 No conversion to HTML is required. WordPerfect Internet Publisher can be downl
oaded
 from the Internet, from the World-Wide Web at http://www.novell.com/ and from o
nline
 services.

 Connect to the Internet

      For users who need to get connected to the Internet, WordPerfect Internet
Publisher
 Pro on CD-ROM provides all the tools in the Internet Publisher, plus dial-up In
ternet
 access software from Novell's LAN WorkPlace product, and a trial subscription t
o any of
 several Internet service providers. The suggested retail price for Internet Pub
lisher
 Pro, including connecting software and service provider access, will be $49
 (US).

 Maintain Internet Files

      Using the soon-to-be-released WordPerfect 6.1 SGML Edition, Internet users
 can edit
 HTML documents in native format and re-post them to the World-Wide Web--a capa
bility no
 other word processor provides. HTML documents can also be converted into WordP
erfect
 documents by importing them into SGML Edition. When the document is saved, the
user can
 choose to save it as a WordPerfect or an HTML document. Users do not need to ha
ve a
 detailed understanding of HTML to edit ASCII text and tags manually. The docume
nt can be
 pulled from the Internet, edited and re-posted without any lengthy conversion o
r
 learning of an authoring system.

      For more information about the WordPerfect Internet Publisher, WordPerfect
 Internet
 Publisher Pro and WordPerfect 6.1 SGML Edition, customers can call (800) 451-51
51.
 Information is also available on Novell's World-Wide Web home page at
 http://www.novell.com/.

                    _____

 > Novell - Word Perfect STR FOCUS!   Internet Gains More Support!
   """""""""""""""""""""""""""""""""""

NOVELL

INTERNET PUBLISHING SOLUTION

WHITE PAPER

Introduction

 The evolution of widespread computer use in the early 1980's was hailed by
 environmentalists as the end of unnecessary deforestation because information c
ould be
 shared electronically rather than on paper. unfortunately, the exact opposite
happened!
 Paper use increased. In spite of this, buzz words such as 'paperless office' a
nd
 'paperless publishing' are still being used in discussions about the future of

 computing. In the past, electronic documents presented few advantages over pap
er.
 Software was engineered for document creation, not document consumption. Docum
ents were
 not distributed electronically because paper and monitors were different sizes,
 the
 recipient didn't have the application used to create the document, and graphics
 and
 fonts did not properly display on different systems. Furthermore, computers we
re
 generally standalone machines and platform dependent, making document interchan
ge no
 easier than transferring documents on paper.

 Finally, in the 1990's, the vision of publishing documents electronically is ga
ining
 more credibility. Applications whose specific function is distributing and con
suming
 electronic documents are just now becoming available. The realization of a soc
iety that
 consumes less paper is coming to fruition due to better networked environments
and E-
 mail systems to aid in document transfer, and most important, the ability of lo
cal
 networks and individuals to connect to the Internet. Because electronic docume
nts can
 be distributed both faster and cheaper, they now have a great advantage over pa
per.
 What's more, documents can be stored and accessed by users in disparate locatio
ns, using
 different systems.

 The Internet was developed by the U.S. military for the purpose of transferring

 information to remote locations and has been in use by the government since the
 early
 1970's. The Internet is a massive worldwide network of computers. The word 'I
nternet'
 literally means 'network of networks.' The Internet comprises thousands of smal

ler
 regional networks scattered throughout the globe. The Internet generally refers to the
 physical side of the global network, the cables and computers. It does, however,
 include some software that routes information packets to the correct address. The
 Internet structure has significantly contributed to other projects that have used its
 infrastructure.

 The World-Wide Web (WWW or Web) project, which originated at CERN in Geneva Switzerland
 in 1989, made the Internet more useful by using it as a backbone to connect over 7000
 servers. The Web provides locations for information storage and is often referred to as
 a body of information or an abstract space of knowledge. The 1993 introduction of
 NCSA's Mosaic viewer transformed both the Internet and the Web from systems used
 primarily by education and government, into an information exchange medium for the
 masses. The Internet is now becoming the standard information storage and interchange
 mechanism for many organizations including large business and government.

 As a testament to its growth, on any given day in 1993 the Internet connected roughly
 15-million users in over 50 countries. In 1994, that number grew to at least 30-million
 users (according to a Honolulu Community College Study). Traffic growth, in bytes, was
 even more impressive. From 1993 to 1994, traffic on the Internet doubled, and traffic
 on the Web increased by over 1400% (according to gopher://nic. merit. edu:
 7043/11/nsfnet/statistics).

 By facilitating the exchange and reuse of information to connect suppliers, customers
 and business partners worldwide, the Internet has the potential to change how businesses
 operate. Businesses who fail to acclimate to this change could easily find themselves,
 in only a few years, hopelessly outdated. It is interesting to note that currently over
 50% of white collar workers have not heard of the Internet. This figure illustrates the
 growth that is still to come in this market.

 Electronic Publishing Problems on the Internet
 In spite of its steady growth, interacting with the Internet is not an easy process. In
 fact, an average computer user would have a very hard time even getting connected to the
 Internet, not to mention retrieving information from or publishing information to the
 Internet. Some of the problems include:

1.   Connecting to the Internet

          Connection requires a number of pieces, which, if the user knows lit
tle about
          them, can be very confusing. Adding to the problem is that as the I
nternet
          gains in popularity, so does information about available options. A
dditional
          information about options that one does not understand is only more
confusing.
          What the average user needs is all of the tools delivered in one pac
kage, not
          multiple options for each tool. Some of the pieces needed for Inter
net access
          are:

*   Web Browser -- An HTML browser that allows users to access Web docum
ents.
          NetScape and Mosaic are the most widely known.

*   TCP/IP Stack -- TCP/IP is the Internet's communication protocol. Th
e TCP/IP
          stack is the software that, when loaded on a PC, interprets the info
rmation
          that is sent over the Internet.

*   SLIP-PPP, and LAN Drivers -- SLIP and PPP are two protocols that all
ow dial-up
          access to the Internet through a serial link over normal phone lines
. The LAN
          Driver is used to connect directly to Ethernet.

 Internet Access Providers -- The service providers have the service and servers
 through
 which a user must call to access the Internet through standard telephone lines
or direct
 LAN connections. The service provider uses the server to house and administrat
e the
 user's account on the Internet. The number of service providers is increasing
rapidly.
 In additional to the traditional niche players, software, hardware and
 telecommunications firms are entering the market by either setting up their own

 services, or purchasing smaller providers. This consolidation will bring even
more
 choice to Internet and Web users.

          Some Internet Access Providers also provide Web Server Service. Use
rs can
          rent server space from Web Server Service Providers to house documen
ts that
          they wish to publish to the Web. Without space on a Web server, a u
ser cannot
          publish documents to the Web.

2.   Publishing Documents

          HTML is the standard document format on the Internet. While many do

cument

formats may be on the Internet, HTML is the Web standard and require

d for home

pages. All Web browsers (software that allows one to navigate the I

nternet or

"Surf the Net'), have the ability to view only HTML formatted docume

nts.

HTML is subset of SGML. It is a special format of documents, includ

ing text

and graphics, that allows information to be viewed using Web browser

s. HTML

strips a document of its formatting and layout and maintains only it

s content,

in the form of ASCII text, and its structure, in the form of tags th

at

encompass each element of the document. These tags define the locat

ion of

content, style, and hypertext links. Specifically, each element of

a document

is preceded by an open tag and followed by a close tag. For example

, the

title of a document would be preceded by a 'begin title' tag and fol

lowed by

an 'end title' tag. The title would look like this:

<title>This is a Title</title>

For this example, the tag was rather descriptive, but HTML tags arc

very

cryptic. For example, a specific level heading tag in a Web documen

t would

look like this:

<Hl>This is a Level One Heading</HI>

Without a very good understanding of HTML and the tagging structure,

 any given

tag would be meaningless.

Creating HTML documents is difficult. To author HTML documents, use

rs are

typically technical and have a high level of understanding of Unix,

SGML, and

HTML, meaning that few mainstream users author HTML documents. In f

act,

entire service industries now exist around creating, tagging and val

idating

SGML/HTML documents because average users simply do not have the tim

e or

expertise it takes to work in the SGML environment. These service i

ndustries

have used niche tools for authoring and validating SGML structure, a

nd were

designed with the technical SGML user in mind. Because authoring in

 HTML is

difficult, the average computer user has been locked out of Internet

publishing.

Computer users generally create their documents in a proprietary file format such as WordPerfect or MS Word. The average computer user who wants to author and publish documents to the Web has only a few choices. The user can:

* Author their documents directly in HTML. This method requires the user to learn HTML and possibly a different authoring system.

* Convert their proprietary documents into HTML for Internet publishing. Without an automated tagging software configured for their needs, this requires manually adding tags to ASCII text. To configure the automated tagging software to their needs the user must either understand both HTML and the tagging software, or employ an SGML expert requiring additional expense.

* Access proprietary file formats with viewers created specifically for that purpose, alleviating the need to convert documents into HTML.

The optimum solution to HTML publishing would incorporate HTML authoring in a mainstream word processing envirom-nent. This would require the HTML authoring to be either transparent or easy for the user to accomplish.

Another key would be the use of a Web browser that allows not only the ability to view HTML documents, but other standard document formats, such as word processing and portable document formats. Then the user or consumer of the information could get at not only Web home pages, but other types of information as well over the Internet.

3.   Managing Documents

Once documents are posted to the Internet, they must be maintained and revised. Because of the difficulty in working with the HTML format, HTML documents have been viewed as static or non-editable. Considerable effort is expended to convert documents into HTML; to edit and revise existing documents would require a similar effort. It is seldom the case that documents are static. By some estimates, 85% of published information changes at least once a month. This is hardly a new problem. In the past, one of the larger users

of the Internet has been education, an institution that is ripe with
  cheap
                    and/or free labor. Many graduate students have been kept busy maint
aining
                    educational servers. Unfortunately, business doesn't have access to
  the same
                    quantities of free labor. They must pay competitive wages, so Web s
erver
                    maintenance becomes quite expensive. Publishing houses experience y
et another
                    problem. A publishing house that intends to publish up to 1900 maga
zine
                    documents to their Web server as an additional service to their subs
cribers
                    finds its efforts have been stalled because of the lack of electroni
c
                    publishing tools available to maintain and revise the Web documents.

                    One of the big advantages of HTML is that information can be stored,
  used and
                    reused without the worry of disparate operating systems, non-compati
ble
                    proprietary file forinats, or the need to continually reformat. Bot
h of these
                    activities require editing existing HTML documents. The same proble
ms with
                    publishing HTML documents apply to editing them. There are no mains
tream
                    editing tools. To edit HTML documents, users must:

 *   Edit pure ASCII text, including the manual editing of tags and
                    understanding HTML structure. This requires that the user has
                    patience and a good knowledge of HTML.

 *   Convert HTML information into a proprietary forrnat for editing
                    and convert back to HTML for Web posting. This is a three-step
                    process and still requires knowledge of HTML codes for tagging,
                    and a validation process for correct HTML output.

 *   Learn a new document processing system, which requires knowledge of
HTML and
                    leaniing an unfamiliar authoring environrunent.

 Each of these options involves time-consuming processes and aid the perception that HTML
 documents are difficult to create and edit. These methods also force document revisions
 to be document rewrites. As Web documents grow in number, it will become unacc
eptable
 to rewrite each document that only needs revision.

 The Internet Publishing Solution

 For over a decade, WordPerfect has been the world-wide standard for word proces
sing.
 With over 17-million users, WordPerfect documents is one of the most familiar
 environments in which to author documents. As technology has changed, WordPerf
ect has
 integrated such changes to give users the most advanced technology in document

processing. The recent release of WordPerfect 6.1 for Windows is a testament to this
philosophy. The following are excerpts from the press:

    "In our view, WordPerfect 6.1 is the strongest of the three [Windows word
    processors]. WordPerfect has always been laden with features, but this latest
    version makes significant progress in making these features simple to use ...
    Word for Windows lacks some of the sophisticated document filing capabilities
    of WordPerfect, which could make finding documents more of an ordeal on a
    complex system."
                              Business Consumer Guide, December 1994

    "WordPerfect 6.1 is a coup d'etat over Microsoft's Word and Lotus's Ami Pro.
    You'll find many improvements in WordPerfect 6.1 that you didn't think were
    possible ... Usability is just about as good as it gets ... An unparalleled
    combination of power and ease of use."
                    Five-star rating in the November issue ofPC/Computing

    "PerfectSense is the first breakthrough in editing that I've seen in a long
    time," said Jeffrey Tarter, editor of Soft*letter in Watertown, Mass.
    "WordPerfect's a good two years ahead of the competition."
                              Quoted in PC Week, August 15, 1994

Over three years ago, WordPerfect Corporation saw that electronic document delivery was
the wave of the future, and formed an electronic publishing team. This team is
comprised of electronic publishing tools experts who have studied market research,
reviewed customer feedback, and developed the strategy and tools for bringing electronic
publishing and document interchange to the mainstream. The electronic publishing tool's
group has been involved in various consortiums that explore electronic document
delivery, such as SGML Open and the ODA Consortium. WordPerfect Corporation has
actively supported non-proprietary file formats (e.g., SGML and ODA) and has released
electronic publishing tools (e.g., Intellitag, Envoy, ConvertPerfect/ODA) that make
electronic document delivery a reality.

Because WordPerfect Corporation has established itself as the first major vendor to
provide a complete electronic publishing solution, the merger with Novell, Inc. only
only added to the work that had been accomplished over the past three years. The

Internet is the next technological frontier in electronic document delivery, and Novell
is poised to deliver the tools its users need for a successful Internet publishing
solution.

In establishing the strategy for Internet Publishing, Novell has three goals:

1.   T o   e n able users to use WordPerfect as their authoring system of
        choice for Internet publishing and electronic document delivery.

2.   T o   e n a ble users to view not only HTML formatted documents, but
        also native WordPerfect documents and Envoy portable documents.

3.   T o   p rovide users with the first superior Web document maintenance
        solution.

To achieve these goals, Novell realizes it must provide a family of electronic

publishing tools the customer can choose from to access, author, and browse the

Internet. The choice will be based on the pieces the user currently owns and currently
needs.

The products are:
            Internet Publisher
            WordPerfect 6.1 for Windows SGML Edition

Internet Publisher

This product is designed for the WordPerfect user who is already connected to the
Internet. As stated in the introduction, one of the problems that Internet users have
is that they must either publish HTML documents to the Web, or they must have access to
viewers for proprietary formats. The Internet Publisher solves this problem as well as
achieving the first two goals of the Internet family of products. Specifically, the
Internet Publisher provides:

Puhlishing Solution

            Internet Publisher contains everything a WordPerfect 6.1 user needs to create
            HTML documents. A WordPerfect 6.1 template is provided, which guides a user
            through the process of creating an HTML document. This allows the user to
            easily create HTML documents from within WordPerfect. A conversion program is
            also included which will automatically convert the document to native HTML and

bring up the included Web browser to view the 'final form' of the Web document. HTML features such as hypertext links and bullet lists are accessed through the toolbar. With this tool, the user does not need to learn a new HTML authoring tool or have a detailed knowledge of HTML.

With the WordPerfect viewer (explained helow), users simply need to create and publish WordPerfect documents, bypassing HTML altogether. Users can also publish Envoy documents and view Envoy files existing on the Internet. The HTML browser allows users to automatically access WordPerfect and Envoy formatted documents, along with the corresponding viewers.

 Viewing Solutions

The Internet Publisher provides:
Netscape's Web Browser to view standard HTML docs & Home Pages
WordPerfect viewer to view native WordPerfect documents
Envoy Mini-Viewer to view Envoy (.evy) documents

 WordPerfect 6.1 for Windows SGML Edition

 Documents on the Internet must still be maintained, and WordPerfect 6.1 for Windows SGML
 Edition gives users that ability. SGML Edition allows users to create SGML documents
 using WordPerfect 6.1 rather than requiring a completely separate editing application.
 Users will be able to leverage their existing knowledge of WordPerfect.

 While a template-based approach to HTML document creation is useful for small numbers of
 documents, it does not scale well to maintaining servers full of documents. SGML
 Edition was designed for this type of task. Moreover, as electronic publishing and
 digital commerce applications demand ever more complex SGML document types, SGML Edition
 will provide a viable solution.

 SGML Edition allows direct editing of HTML documents that can then be revised, re-saved
 and published back to the Internet. Because SGML Edition is a complete solution, the
 user is not limited to the HTML template provided with the Internet Publisher. SGML
 Edition gives users the ability to create forms for Internet distribution and high-end
 customized HTML documents.

 As the Internet and the Web evolve, so will HTML. In time, HTML will need to
 incorporate more of the robustness of full SGML, and will become closer to SGML. For
 example, HTML 2.0, the current Web standard, is much closer to full SGML than was HTML

].O. By using WordPerfect 6.1 SGML Edition, the publisher of Internet documents will be
ready for future HTML specifications changes. To publish with each change, all the user
will need is a new DTD for the enhanced HTML specification. Because the SGML Edition
will support any DTD, it will automatically support new HTML specifications and will
always ship with the most recent HTML DTD. New HTML DTDs will also be available free of
charge from Novell.

Other features of the SGML Edition include:

Layout Designer

          The Layout Designer allows the user to assign format to SGML or HTML documents
          which contain only content and structure. The layout designer, through the
          macro language of WordPerfect 6. 1, also allows batch tagging of documents.

Document Type Definition Support

          SGML is defined by a Document Type Definition, or DTD. The DTD defines how
          the document is structured and facilitates the publishing of information
          between different applications. SGML is extremely flexible to enable
          organizations to design their own userdefined or use an industry DTD that is
          similar to their organizations style. The SGML Edition of WordPerfect can use
          any user defined DTD, and ships with a good number of industry defined DTDS.
          HTML is basically a DTD that was defined specifically for the Web. It will
          certainly change in the future to accommodate changing nature of the Web.
          Because the SGML edition supports any DTD, it %ill always be up to date with
          the Internet.

File Support

          Either WordPerfect, SGML or HTML documents can be retrieved
          directly into SGML Edition without conversion,

Alias Support

          As is often the case with HTML (recall the cryptic tag used as an example
          above), a DTD may contain tags that are not identifiable by name to the SGML
          author. Using an alias allows the author to assign an alternative name to the
          tag. For example, using the case above the level one heading tag <H

I> could
            have an alias that states the ftmction it plays in the overall HTML
tag. This
            feature greatly simplifies the HTML authoring and editing task.

 Interactive Validation and Error Reporting

            As the user tags a document for SGML output, an interactive validati
on feature
            walks the user through the tagging process. As determined by the DT
D, HTML
            for this example, the validator will indicate what tag should be app
lied at
            that point in the document. Error reporting occurs when a tag is im
properly
            placed in the document.

 Conclusion

 The recent announcement from Novell stated plans to deliver a full range of Int
ernet
 access, hosting, and application development tools for NetWare. The Internet P
ublishing
 Solution is the first step along a path to a complete Internet connection, acce
ss, and
 application family of products from Novell.

 Novell is moving forward in its promise to provide additional electronic publis
hing
 tools to easily act upon information available on the Internet. This is Pervas
ive
 Computing ... It's connecting people with other people and the information they
 need,
 giving them the power to act on that information -- anytime, anyplace.

            _____

 > Frankie's Corner STR Feature
   """"""""""""""""""""""""""""""

 The Kids' Computing Corner

                        SUPER SOLVERS SPELLBOUND!
                        =========================

                   Dual format CD-ROM for Macintosh and Windows
                           ages seven to twelve
                           suggested retail $49
                          by The Learning Company
                              6493 Kaiser Dr.
                            Fremont, CA 94555

```
          IBM Requirements                     Macintosh Requirements
          ----------------                     ----------------------
          CPU:    386/25                        CPU:    Mac Color Classic
          RAM:    4 megs                        RAM:    4 megs
          Video:  16-color VGA (256 SVGA rec.)  Video:  256-color
          Hdisk:  1 meg                         Hdisk:  1 meg
          CD-ROM: Double-speed                  CD-ROM: Double-speed
          OS:     Windows 3.1                   OS:     System 7.0.1
          Misc.:   Sound card, mouse
```

 by Frank Sereno

 Are you ready for an exciting and difficult challenge? "Super Solvers Spellbou
nd!"
 offers several vocabulary and spelling exercises besides a traditional spelling
 bee.
 Featuring graduating degrees of difficulty, "Spellbound!" offers a continuing c
hallenge
 to children. With the option of adding your own word lists, this program can e
ven be
 beneficial to adults.

 "Spellbound!" includes four activities. These are Word Search, Criss Cross, Fl
ash Card
 and the Spelling Bee. The player must gain enough points in the first three ac
tivities
 before he can enter the Spelling Bee. Advance through the five rounds of spell
ing bees
 and you become a national champion.

 Word Search is a game of finding words in a matrix from a list of eight. On th
e lowest
 level, the words are hidden vertically and horizontally. As the player moves t
o the
 harder levels, diagonals are added. On the final level, the letters can be con
nected in
 an almost infinite array of patterns. This makes the game challenging for play
ers of
 all ages.

 Criss Cross is similar to a crossword puzzle but there are no written
 clues. The squares are laid out so that each word intersects with at least one
 other
 word. To place the words correctly, one must place the words in the proper pla
ces.
 Attention must be paid to the length of each word and the letters which will be
 in the
 intersections with other words. Criss Cross uses combinations of four to eight
 words.

 Flash Card is a spelling game. The player may choose to see the word flashed b
efore
 him, hear the word pronounced or both. He must correctly spell eight words to
earn
 points. If a word is misspelled, the correctly placed letters will be shown.
After
 three attempts, the correct spelling is displayed. On higher levels, the playe

r will
 have to spell the eight words, then he will have to unscramble them.

 The Spelling Bee is the final activity. After the player has accumulated enoug
h points,
 he can go to the spelling bee. He will face two computer opponents. The conte
stants
 will spell words in turn until each has made an error. Words from the included
 lists
 will be announced aloud but created words will be flashed on the screen.

 "Spellbound!" has eye-pleasing graphics and excellent sound. The interface is
point-
 and-click and it includes help text files. The program provides audible encour
agement
 and the player is never penalized for an incorrect answer. The game play does
not
 include any arcade action but children are encouraged for doing well. If your
child
 enjoys puzzles and challenges, then he will enjoy "Spellbound!" Educational va
lue is
 excellent. The program teaches vocabulary, spelling, word recall, auditory rec
ognition
 and problem solving. By using the word list creator, "Spellbound!" can be used
 to study
 vocabulary, technical terms and even other languages.

 "Spellbound!" offers excellent value and it is backed by The Learning Company's
 30-Day
 guarantee. If you are displeased with this program, it can be returned for an

 equivalent program from TLC's library or for cash.

                              Ratings

                    Graphics 8.5
                    Sounds 9.0
                    Interface 8.5
                    Play Value 8.0
                    Educational Value .. 9.0
                    Bang for the Buck .. 9.0
                    Average 8.67

                 Activision's "Atari 2600 Action Pack"

 Are you ready for some gaming nostalgia? Did you sell your old Atari gaming sy
stem
 years ago at a garage sale and wish you could play some classic games from yest
eryear?
 If you have an IBM compatible running Windows and a spare $25, you need look no
 further
 than the "Action Pack."

 Activision has included some of its greatest hits from the early days of video
gaming.
 You can relive the thrilling action of fifteen classic games all on one CD-ROM.
  These
 are the games with the same code that you played a decade ago.

What makes this all possible is the Atari 2600 emulator. The emulator does hav
e some
 pretty heavy hardware requirements. It needs at least a 486DX-33 CPU and a 256
-color
 display. Activision recommends that you have the latest drivers for your video
 and
 sound cards as well. It is hard to believe that so much horsepower is needed t
o emulate
 an 8-bit game machine!

 Here's your chance to show the younger generation what gaming was like in the d
ark ages
 of video games, back when there was no full motion video and three-dimensional
 graphics.
 Yes, those were the days when gamers had to have active imaginations plus quick
 reflexes
 and sore trigger thumbs.

 "Action Pack" includes Boxing, Chopper Command, Cosmic Commuter, Crackpots, Fis
hing
 Derby, Freeway, Frostbite, Grand Prix, H.E.R.O., Kaboom!, Pitfall!, River Raid,

 Seaquest, Sky Jinks and Spider Fighter.
 This is only the first volume. I'm not certain what titles will be included in
 the
 future. It's possible that Activision may obtain the rights to other companies
'
 software. I'd love to play some of the old Imagic games brought back to life.

 I'd also like to see some of these titles enhanced with better graphics and sto
ry lines.
 Maybe an educational game could be incorporated into Freeway. "Retro" or nosta
lgia
 gaming may be gaining popularity but I want more than that.

 If you are looking to re-experience the dawning age of video gaming, the "Actio
n Pack"
 does an excellent job. Just do not be disappointed with how the old games look
ed
 compared to today's best. If gameplay is your thing, then these old classics s
till have
 it.

 As always, I thank you for reading!

                    _____

 > NOVELL SUPPORT STR InfoFile
    """""""""""""""""""""""""""""

                  NOVELL ENHANCES ON-LINE TECHNICAL SUPPORT OFFERINGS
                  ==

                 Customers Access Novell's Electronic Technical Services
                        More Than 3.5 Million Times Monthly

OREM, Utah -- May 8, 1995 --Novell today detailed the company's expansion of
on-line technical support services, highlighting Novell's strategy of providing

electronic support options that allow customers to be more productive, increase

self-reliance and reduce technical support out-of-pocket expenses. Chief among the
elements of the announcement was the consolidation of electronic-based technical
resources from Novell, Inc., WordPerfect Corporation, the Quattro Pro business and
SoftSolutions Inc., providing the industry's most comprehensive set of electronic
services and tools.

Other enhancements include branding Novell NetWire as the name of the company's
technical support presence on all major on-line services; expanding Novell's strategy to
broadly place Novell NetWire on additional on-line services; creating dynamically
updated "Top 20" lists based on customer usage; increasing the number of forums

maintained on CompuServe; and other initiatives that make the company's services easier
to learn and use.

"Novell has always had an extremely active relationship with its customers via
on-line technical support, but further advancements in technology and management
expertise have immensely increased our customers' use of and satisfaction with these
services," said John Lewis, senior vice president of Novell Technical Services (NTS).
"We expect this rapid increase in usage to continue as we also continue to innovatively
enhance our electronic support solutions."

The increased customer usage of Novell's electronic technical services is evidence
that customers find value in the services provided by Novell. Accesses to Novell's
electronic technical support services increased more than 500 percent between March 94
and March 95.

"In March 1994, we received around 600,000 accesses to our electronic technical
services," said Michael Bishop, director of Electronic Support at Novell Technical
Services. "This March, we topped 3.5 million accesses, and the upward trend is

accelerating monthly."

Novell recently consolidated the technical information for all major company

products and is now branding Novell NetWire as the name of the company's technical
 support presence on all major on-line services. Novell NetWire is currently on the
 Internet, CompuServe, and SpaceWorks. The company's strategy includes aggressively
 reviewing all on-line services for possible placement of Novell NetWire content. The
 current review includes America Online, Interchange, Prodigy and expansion of the
 company's presence on SpaceWorks. Novell plans on placing Novell NetWire on AT&T NetWare
 Connect Services (ANCS) when the service is available.

        Novell NetWire provides online access to technical, corporate and product

 information from Novell through remote access 24 hours-a-day. Novell NetWire includes
 message forums, easily searchable online databases and libraries of downloadable
 files. Novell NetWire is best known for providing quick, inexpensive access to technical
 solutions from experienced system operators (SYSOPS) and other knowledgeable users.
 Technical questions posted on Novell NetWire usually receive a response within 24 hours.
 Advanced questions are routed through Novell's direct technical resources, the same
 resources used to solve hotline support problems.

        Novell has also created two "Top 20" lists on Novell NetWire. These lists provide
 customers with the top 20 Technical Information Documents (TIDS) and top 20 downloadable
 files based on customer access to each Novell NetWire on-line service. Automatically
 updated according to customer usage, the "Top 20" lists represent the most common
 technical solutions delivered on-line to customers by Novell.

        Additional expansion of Novell's electronic technical support offering includes
 adding 11 public forums on CompuServe, where information on all Novell Business

 Applications, GroupWare and Consumer Products will be maintained by Novell. Novell
 NetWire is also receiving an updated look, as Novell switches from the current bookshelf
 metaphor interface to an icon-based interface.

        Novell's electronic technical support offering aligns with the company's vision of
 pervasive computing by providing Novell's service partners, large accounts, customers
 and technical support engineers with access to comprehensive technical information on
 Novell products, anytime, anyplace. Novell is establishing the electronic support
 programs and delivery vehicles required to provide technical assistance to a billion

users worldwide by the year 2000.

_____

> Integrity Master STR InfoFile
  """""""""""""""""""""""""""""""

                    INTEGRITY MASTER DATA GUARD & VIRUS HUNTER
                    ==

 Integrity Master(tm) provides complete, easy to use, data integrity for your PC
 plus
 virus protection. It can also be used to provide file change management and sec
urity on
 your PC. It scans for viruses like other anti-virus products but it also prote
cts you
 against more than just viruses.

 Integrity Master provides function and performance far beyond any other anti-vi
ral or
 data integrity software, yet is easy enough for novice users. Integrity Master
 is
 written 100% in assembly language and provides the utmost in speed and small si
ze. It
 is certified as a virus scanner by the National Computer Security Association (
NCSA).
 Integrity Master is the recommended anti-virus in "The 1995 PC Magazine PC Buye
r's
 Guide" and recommended by John Dvorak in his "Inside Track" column in PC Magazi
ne (see
 below).

  Distinguishing features:
  ----
 1) Integrity Master recognizes known viruses by name and will describe their
    characteristics and then allow you to (optionally) remove them.

 2) It can detect not only existing viruses, but also as yet unknown viruses.
    Unlike other programs, which you must constantly update to keep ahead of
    the current crop of viruses, Integrity Master continues to protect you.

 3) Unlike other programs, it detects sectors and files which were damaged by
    a virus not just those that were infected.

 4) Integrity Master understands which files and areas on your disk are
    special and provides special specific diagnosis and recovery if these
    areas have changed.

 5) Integrity Master can reload system sectors on disks which are so badly
    damaged that DOS can no longer recognize them.

 6) Integrity Master detects any form of file or program corruption, not
    just that caused by viruses. This makes Integrity Master a useful tool
    to provide PC security, change management and hardware error detection.
    Why spend your time merely checking for viruses when you give your PC a

complete check out with Integrity Master?

7) Integrity Master provides easy to use menus with context sensitive
   help plus a complete tutorial. Integrity Master is designed so you
   you can start using it immediately -- no need to open the manual!

8) Integrity Master is useful as an aid to PC security. If someone changes,
   adds or deletes any of your files you will know.

9) Integrity Master is useful with disk diagnostics. You can run your
   normal test programs to check if your disk drive is working OK right now,
   but was it working correctly at 3 PM yesterday? Integrity Master will
   detect any disk errors which caused data damage earlier.

10) You just restored your files from a backup. Are all the files really OK?
    Integrity Master will tell you.

11) You just deleted *.BAT rather than *.BAK. Integrity Master will
    tell you exactly which files you need to restore.

12) Your hard disk is having problems. Now DOS will not even recognize it as
    a disk. IM can diagnose and then reload your partition and boot sectors
    to "fix" your disk!

John Dvorak wrote in the May 17, 1994 (V13#9) PC Magazine "Inside Track"
column:

   "Genuinely Interesting Software Dept.: A friend of mine called me a
   month ago telling me that he had made the mistake of booting his
   machine on a Sunday when that old Michaelangelo virus would
   activate. It did. No backups, either. In time for the next year's
   outbreak, it's not too late to get what's considered by almost all
   experts to be the current state-of-the-art anti-virus package on
   the market: Integrity Master from Stiller Research (2625 Ridgeway
   St., Tallahassee, FL 32310, U.S.A.;phone, 800-788-0787,
   314-256-3130). In a side-by-side comparison, this product beats
   everything on the market. With its built-in scanner, Integrity
   Master will not only find every known virus, it will also handle
   polymorphic and other odd type viruses. This is the anti-virus
   software I use. It's only $39.95 in the U.S. and $44.50 elsewhere.
   Shipping and handling is included in the price. Get this package
   and you will be glad you did."

                            What's new?

Version 2.42d:

This release fixes false positive virus indications in MSAV/CPAV products
as well as DM300, Neuroquila, and ViennaF.

Version 2.42c:

This release fixes a false virus indication for: Auspara4 and Shiny.

Version 2.42b released 3/17/95:

1) Small addition to IM's scanner of a few more viruses including Diehard2
   and a correction to the Ming detection algorithm.

2) Adjust alignment of text on IM's Option menu.

3) Allow IM to update integrity data in initialize mode even when
   "Integrity Update" is set to Never.

4) Fix false detection of Freddy2 in Cheyanne's INNOCULAN anti-virus.

5) Corrected false positive of Auspara4 and Phalcon

Version 2.42a released 2/28/95:

1) IM supports a new option to allow rapid screening of diskettes for
   boot viruses. This is available through the Check menu as well as
   the "/VB" command line switch. This also allows IM to read boot
   sectors on diskettes that are unreadable to DOS. Researchers can use
   this option when testing IM since IM will also check the boot sector
   for partition sector (MBR) viruses.

2) New "Force update" option on the "Integrity update" options submenu.
   Selecting this option or using the new "/UA" command line switch will
   force integrity master to update integrity data for all files. Normally
   IM will not update integrity data for what appear to be corrupted files
   when it is running unattended.

3) When run from a diskette, IM will now automatically offer to change to
   change to another disk.

4) New easier install. SetupIM will now offer a super fast install that
   usually gets IM installed in under one minute.

5) IM tolerates a wild card spec on it's /P (disk and directory change)
   parameter. This allows you to use IM with some programs that insist
   on including a wild card with the directory to check. For example:
   IMSCAND C:\DOS*.* will scan all files in subdirectory \DOS.

6) Changed colors on some help/tutorial screens to improve legibility.

7) SetupIM changed so it will correctly recognize drive characteristics of
   disks using Symantec's Ncache.

8) IM will not pause even if severe hardware errors occur when the /ND
   command line option is used.

9) IM identifies over 600 new viruses by name and characteristic
   including: 7thSon2, Ambalama, Andromeda, Ansibomb, AntiCleric,
   Asexual, Attitude, Aurea, BNB, BigX, Big_Bang, Bloody_Warrior,
   Breaking, CarpeDiem, Centenary, Click, DA'BOYS, Dementia, Dichotomy,
   Dillinger, ESP, Emma, Felize, Galicia, Geek, Gipsy, Greetings, Heja,
   Hellspawn, Human Greed, Taslehoff, Icecream, Infernal, Iron, Jack,
   Jimmy, Jpage, Kode4, Kode4b, Kohn6, Kommuna, Leningrad, Leuk, Loki,
   Merde-3/5, NoLimitz, Ntit, Nygus.278, Offspring, Override, Ovile,
   PHB, Panek, Panic, PeaceMan, Peanut, Peter2, Phantasm, Pirate,
   Polifemo, Praying, Psychosis, Rambo, Raptor, Rattle, Redstar,
   Rubbit2, Saigon, Sampo, Sandy, Santa, Satyricon, Semtex6, Shin,
   Smallcomp, Soupy, Soupy-Death, Sov1, Sterculius, Strange, Sword,
   Teraz, VLamiX, Vampiro, ViNCHuCa, ViroGen, Wet, YB2, Zombie, and Zulu

as well as the usual new but trivial ARCV, Australian Parasite,
Jerusalem, Leprosy, PS-MPC, VCL and Vienna related viruses.

Versions 2.40a, 2.41a and 2.41b are restricted beta versions please
do not use or distribute these versions.

New in Version 2.31:

1) New /ND parameter allows even faster execution of IM in unattended mode.
   This works the /NE parameter but eliminates further pauses and screen
   displays.

2) The primary display has been simplified and now displays license
   information.

3) You may now choose report filespecs (disk, directory and filename) of
   up to 30 characters using the /RF= command line option.

4) IM now supports a home directory so you can keep autonamed reports and
   reload files in a single subdirectory.

5) Integrity Master now supports an option to never update integrity data
   under any circumstance.

6) Registered users of IM can now download evaluation (shareware) versions
   from any of thousands of BBSes world wide and convert them to the
   registered version.

7) IM identifies over 300 new viruses by name and characteristic including:
   3Tunes, 4Pirates, Accept, Agena, Aija, Aragon, Bengal, Berlusconi,
   BRAVO, Bruchetto, BuffEater, Chill, Chromo, Cobra, Curse, DAS_BOOT,
   Double heart, Dicker, Epidemic FeelBad, Fifo, Firefly, Fission, FLAME,
   Genesis, Gidra, Goga, Gusano, Hbex, HOP, Hot, JoeAnthro, Junkie, Kaos4,
   Khizhnjak, MidNight, Ming, Modor, MZ, Natas, Neuroquila, Nika,
   Noncemale, One_Half, P.Enemy, Paola, Phunnie, Plagiarist, Pure, Razor,
   Ritzen, RMBD, Scratch, Simplex, Slash, Slub, Smoka, SofiaTerm, Stimp,
   Stunning, Sunrise, Sybille, Sze, TaiPan(Whisper) Tajfun, Tamanna, Taurus,
   TISO, Trumpery, Tver, Veronika, Aver_Torto, Villino, Warlock, WXYC,
   W_Cards, XUXA2

8) We've eliminated several Mutation Engine (mte) false virus indications.

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            A T T E N T I O N -- A T T E N T I O N -- A T T E N T I O N

                FARGO PRIMERA PRO COLOR PRINTERS - 600DPI

 For a limited time only; If you wish to have a FREE sample printout sent to
 you that
 demonstrates FARGO Primera & Primera Pro SUPERIOR QUALITY 600dpi 24 bit Photo
 Realistic
 Color Output, please send a Self Addressed Stamped Envelope [SASE] (busin
 ess sized
 envelope please) to:

                        STReport's Fargo Printout Offer
                             P.O. Box 6672
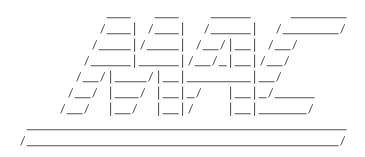
Jacksonville, Florida 32205-6155

 Folks, the FARGO Primera Pro has GOT to be the best yet. Its far superior to t
he newest
 of Color Laser Printers selling for more than three times as much. Its said
 that ONE
 Picture is worth a thousand words. Send for this sample now. Guaranteed yo
u will be
 amazed at the superb quality. (please, allow at least a one week turn-around)

            A T T E N T I O N -- A T T E N T I O N -- A T T E N T I O N
          """


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                   /___| /___|   /_____|    /_____/
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                 /_____|_____|/__/_|__|/__/
                /__/|____/ |__|_____|__/
               /__/  |___/  |__|_/     |__|_/_____
              /__/   |__/   |__|/      |__|_____/

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       /_____/
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                        MAC/APPLE SECTION (II)
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                        John Deegan, Editor (Temp)

 > eWorld Updates STR InfoFile
     """"""""""""""""""""""""""""""

            eWORLD BRINGS VOICES TO ON-LINE CONFERENCING
                  UNVEILS NEW HOME MARKET CAMPAIGN

 CUPERTINO, Calif., May 9 /PRNewswire/ via NewsPage -- Today, Apple Computer, In
c.
 (Nasdaq-NNM: AAPL), announced that users of its on-line service, eWorld can now
 actually
 listen to an on-line conference instead of watching a screen of scrolling messa
ges. The
 feature, entitled "Speak" is one of the many capabilities of the service's next

 operating version -- code named Golden Gate -- that is available ahead of sched
ule.
 Golden Gate is expected to be released later this quarter and aims to enhance t
he
 service's ease of use and communication capabilities with expanded Internet acc
ess,
 intelligent electronic mail management, and other features.

 Separately, eWorld unveiled a new marketing campaign that focuses on the home/c
onsumer
 market, leveraging the company's strengths in this area. Using Apple's Plain T

alk
 technology, Speak allows users to actually listen to the conversation in a conf
erence
 room by assigning a different voice to conference members. The feature creates
a richer
 conferencing environment by letting users participate in a conference while doi
ng other
 things on the service. Moreover, the company expects the feature to be an impor
tant
 tool in creating disability solutions, especially for kids and adults with lear
ning
 disabilities and to some extent, the visually impaired. eWorld is the first com
mercial
 online service to incorporate this technology.

 "Apple has a legacy of making all our products accessible to people with disabi
lities,
 so it's natural that the company pioneers this solution to the information supe
rhighway
 with its own on-line service," said Alan Brightman, manager of Apple Worldwide

 Disability Solutions -- whose group also publishes the "Disability Connection"
in
 eWorld. "One of the things eWorld Speak allows us to do is explore ways to prov
ide on
 line solutions to the learning disabled and the visually impaired," he added.

 In addition to Speak, other features of Golden Gate that are now available for
users to
 download include:

 -- Faster access to eWorld in 250 U.S. cities through support of 14.4 kpbs
    high speed modems -- at no additional cost.

 -- Exclusive on-line support from Apple. Users post a question and receive
    an answer directly from an Apple support professional the next business
    day. (Editors Note: See release 4/17/95, "Apple Offers Direct On-line
    Computer Support via eWorld.")

 -- An auto-open feature that opens to a specific eWorld area when logging
    into the service.

 -- Playful variations of the eWorld Town Square for users to download into
    their art folder, including Winter, Martian, Desert, Valentine, St.
    Patrick, Jurassic and Spring versions.

 When released later this quarter, Golden Gate is expected to include greater ac
cess to
 the Internet, more multimedia capabilities, and an electronic mail agent that a
llows
 users to automatically filter and better manage incoming mail. The company expe
cts World
 Wide Web access -- also ahead of original schedule -- to be available to eWorld
 users by
 mid-year.

 New Home/Consumer Campaign Levers Apple's Strengths

 In addition, eWorld has launched a new advertising and direct marketing campaig
n that

focuses on the home/consumer market. Executed by Wunderman Cato Johnson, San Fr
ancisco,
 the campaign shows a family at home exploring eWorld on their computer. The cam
paign's
 message is that eWorld brings solutions to family's real-world needs.

 "The home and consumer market is a key market for us because eWorld provides an
 on-line
 environment that is appropriate for every member of the family," said Peter Fri
edman,
 vice president and general manager of eWorld. "Not only is the company strong
in this
 area and eWorld offerings on target for families at home, but our studies are s
howing
 that our most recent subscribers are coming from the home market."

 The ads hit the newsstands this month in major Macintosh and computer industry

 publications. The company is also synchronizing an aggressive direct mail campa
ign to
 complement the advertising placements.

 eWorld is a powerful, yet easy-to-use, global family of on-line services from A
pple,
 which include eWorld for Macintosh and NewtonMail -- eWorld's messaging service
 for
 Newton personal digital assistants. Included on most Apple Macintosh computers,
 the
 software is also available free to all U.S. Macintosh users by calling 800-775-
4556.
 eWorld is available in the U.S., Canada, United Kingdom, Australia and New Zeal
and.
 eWorld for Windows-based personal computers is expected to be available in 1995
.

 Apple Computer, Inc. an information industry innovator, creates powerful soluti
ons based
 on easy to use personal computers, servers, peripherals, software, on-line ser
vices and
 personal digital assistants. Based in Cupertino, CA., Apple develops, manu
factures,
 licenses and markets products, technologies and services for the business, e
ducation,
 consumer, scientific, engineering and government markets in more than 140 count
ries.

 NOTE: Apple, the Apple logo, Macintosh, and Newton are registered trademarks an
d
 NewtonMail and eWorld are trademarks of Apple Computer, Inc. All other tradema
rks are
 owned by their respective companies.

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                         ATARI/JAG SECTION (III)

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                        ========================
                         Dana Jacobson, Editor


 > From the Atari Editor's Desk          "Saying it like it is!"
   """""""""""""""""""""""""""""



              It's been a really slow week with regard to Atari computing news.  I
 often
 wonder how much time remains before there's nothing to report, on a regular bas
is.  It
 must be the weather that is putting me in a dreary mood tonight.  It may also b
e due to
 the fact that I spent the best part of my day off today packing up most of my u
nused ST
 software and spare hardware and storing it in my basement.. it was taking up wa
y too
 much space laying around spread out all over the place.  My wife is still in sh
ock that
 I moved it all!

              Last week I mentioned that I'd be including an article on Europe's l
atest
 Atari-specific magazine, Atari World.  Well, I finally had a chance to put it a
ll
 together and you'll find that article this week.

              Unfortunately, that's about all we have for you in this issue pertai
ning to
 the computing side (other than Joe Mirando's "People Are Talking" column).  Hey
, it
 happens.  So, let's get the show on the road!

        Until next time...


              _____



                        Delphi's Atari Advantage!
                       TOP FIVE DOWNLOADS (5/10/95)



                  (1) SPEED OF LIGHT 3.8
                  (2) NISHIRAN!
                  (3) UNIVERSAL PRINT CONTROL ACC
                  (4) SILKBOOT 3
                  (5) LITTLENET/MIDI PORT NETWORK PRG.



                           * = New on list

                  HONORARY TOP 5



    The following on-line magazines are always top downloads, frequently
    out-performing every other file in the databases.

                    STREPORT (Current issue: STREPORT  11.18)
              ATARI EXPLORER ONLINE (Current issue: AEO: VOLUME 4, ISSUE 4)
```

Look for the above files in the RECENT ARRIVALS database.

_____

> New HardCopy MAG STR Focus
  """""""""""""""""""""""""""

                        Atari World Debuts!
                        ===================

        A rare occurrence in today's world of Atari computing is the advent of a n
ew
 magazine devoted to Atari products. Well, Europe is more supportive than North
 America,
 so I guess it's not toostrange that a new magazine would originate from there.

        Out of the "ashes" of "ST Review" comes Atari World. Many of the same nam
es that
 you remember from Review are with Atari World. It's hard to break up a good te
am,
 apparently. Vic Lennard, former editor of ST Review, maintains his editor role
 with
 Atari World. Along with Lennard comes Ofir Gal, Andrew Wright, and Nial Grimes
. There
 are also other contributors whose names are readily recognized from their activ
ity on
 the UseNet. These people havesome good experience; the magazine proves it.

        Atari World, as briefly mentioned last week, is actually a publication mad
e up of
 three individual magazines: Atari World, Atari Pro, and ST Source - each with a
 specific
 purpose and slant.

        The main focus of the magazine is Atari World. There are 84 colored-gloss
y pages
 jam-packed with information and ads. Atari World covers just about all aspects
 of Atari
 computing and gaming news. There is a news section covering show reports, prod
uct
 announcements, Internet news, etc. There is news about public domain software,

 programming news, feedback (letters), telecommunications, user groups, and more
. There
 are feature articles as well as a number of reviews.

        Atari Pro is a 16-page magazine devoted to the Falcon (this month's issue)
. This
 issue deals with DTP info, MIDI, graphics, and a question/answer section. I fo
und the
 articles to be quite informative; and I don't even own a Falcon!

        ST Source is also a 16-page magazine, but it deals with the "practical" si
de of the

ST. The articles are those which help you learn about the machine - primarily for the
 beginner/intermediate user. Source has articles such as making a boot disk, fo
rmatting
 disks, desk accessories, AUTO folders and programs, and more.

        ST Source is a magazine that I wish that I had access to when I first star
ted with
 my ST; it would have save me a lot of the frustration that I went through. At
that
 time, I needed to make calls to various people to understand these things. The
 info in
 ST Source would have made all of the difference!

        Atari World and its accompanying magazines were special for me as I was en
ticed to
 read everything. I've read a number of Atari magazines over the years, but I u
sually
 only read a select few articles and skipped over the rest. There are (or were)
 only
 a few magazines that made me want to read them from cover to cover. Atari Worl
d is one
 such magazine. I must say that this is unique because this is the first Europe
an
 magazine that has warranted it. Now if I can find a local source to buy it!

        If you haven't seen these magazines yet, I suggest that you make an attemp
t to find
 them. I have heard that some dealers in the U.S. carry it; I doubt that bookst
ores will
 stock them.

        Subscription info:

                        Atari World Subscriptions
                          Unit 3 Green Farm
                           Abbots Ripton
                            Huntington
                           Cambs PE17 2PF

        _____

                        JAGUAR SECTION
                        ==============

 E3 Debuts!
 Hover Strike Codes!
 CatNips!
 The "Other" Guys!
 Ultra64 Delayed!
 And more....

 > From the Editor's Controller - Playin' it like it is!
   """""""""""""""""""""""""""""""

        The E3 show has begun and it's likely to dominate the gaming industry's ne

ws for
 the next few days. If you recall, this show is a departure from the traditiona
l SCES.
 From all preliminary reports, this show will be dominated by the Sony PlayStati
on and
 the Sega Saturn machines. Nintendo's Ultra64 has been delayed, but may make an

 appearance at E3. Early reports tell us that Atari's presence at E3 is smaller
 than its
 competitors. However, with the focus likely to be on the newer machines, Atari
 really
 needs to make a better-than-usual showing to take away some of the attention.
As the
 show progresses, we hope to have some details of Atari's "performance" at the s
how.

        Until next time...

                    _____

 > Jaguar Catalog STR InfoFile -   What's currently available, what's
   """""""""""""""""""""""""""   coming out.

     Current Available Titles ~~~~~~

     CAT #   TITLE   MSRP   DEVELOPER/PUBLISHER

     J9000 Cybermorph $59.99   Atari Corp.
     J9006 Evolution:Dino Dudes $49.99   Atari Corp.
     J9005 Raiden $49.99   FABTEK, Inc/Atari Corp.
     J9001 Trevor McFur/
            Crescent Galaxy $49.99   Atari Corp.
     J9010 Tempest 2000 $59.95   Llamasoft/Atari Corp.
     J9028 Wolfenstein 3D $69.95   id/Atari Corp.
     JA100 Brutal Sports FtBall $69.95   Telegames
     J9008 Alien vs. Predator $69.99   Rebellion/Atari Corp.
     J9029 Doom $69.99   id/Atari Corp.
     J9036 Dragon: Bruce Lee $59.99   Atari Corp.
     J9003 Club Drive $59.99   Atari Corp.
     J9007 Checkered Flag $69.99   Atari Corp.
     J9012 Kasumi Ninja $69.99   Atari Corp.
     J9042 Zool 2 $59.99   Atari Corp
     J9020 Bubsy $49.99   Atari Corp
     J9026 Iron Soldier $59.99   Atari Corp
     J9060 Val D'Isere Skiing $59.99   Atari Corp.
            Cannon Fodder $69.99   Virgin
            Syndicate $69.99   Ocean
            Troy Aikman Ftball $69.99   Williams
            Theme Park $69.99   Ocean
            Sensible Soccer   Telegames
            Double Dragon V $59.99   Williams
            Hover Strike $59.99   Atari Corp.

     Available Soon ~~~~~~

     CAT #   TITLE   MSRP   DEVELOPER/PUBLISHER

            Pinball Fantasies $ 59.95   Computer West

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        Jaguar CD-ROM          $149.99              Atari

    Hardware and Peripherals ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

    CAT #   TITLE                 MSRP          MANUFACTURER

    J8001   Jaguar (complete)     $189.99       Atari Corp.
    J8001   Jaguar (no cart)      $159.99       Atari Corp.
    J8904   Composite Cable       $19.95
    J8901   Controller/Joypad     $24.95        Atari Corp.
    J8905   S-Video Cable         $19.95
            CatBox                $69.95             ICD
```

> Industry News STR Game Console NewsFile - The Latest Gaming News!
   ""

                  -/- Nintendo Delays Ultra 64 -/-

        Video game maker Nintendo says its much-anticipated 3-D Nintendo
Ultra 64 home game system is being delayed until after Christmas, a
development seen as giving a huge jump to rivals Sega, Sony and 3DO Co.

        Reporting from Nintendo of America's Redmond, Washington,
headquarters, United Press International quotes company officials as
saying the Ultra 64 video player, designed with Silicon Graphics Inc.,
will be launched next April at a retail price under $250.

        The company officially will unveil the unit at its annual video game

exhibition Nov. 24-26 in Makuhari, Japan, and at the Consumer Electronics
Show on Jan. 5 in Las Vegas, Nevada.

        UPI says U.S. Nintendo Chairman Howard Lincoln sought to downplay
the moving by saying, "We have made a conscious decision not to rush
Nintendo Ultra 64 to market. We've decided to give our software
developers additional time to maximize the power of this system in their
game creation."

        However, the wire service notes Sega has said it will have its new
3-D models in stores in September. Sony also plans to enter the fray
before Christmas. "And interactive game producer 3DO Co. of Redwood
City, California, said this week it will launch an upgraded 64-bit
machine later this year that it claims will re-shape home
entertainment," UPI says.

                  -/- Nintendo Unveils Virtual Boy -/-

        Nintendo of America Inc. reports that Virtual Boy, its new video
game system, will be launched in the U.S. on Aug. 14.

        The $179.95 unit, which Nintendo describes as a "three- dimensional,

virtual immersion, 32-bit video game system," will be backed by more
than $25 million in marketing.

Virtual Boy will be bundled with a game title and a double-grip
controller. An AC adapter will become available later this year.

Virtual Boy is a RISC-based, 32-bit system that uses two
high-resolution, mirror-scanning LEDs to produce a 3-D experience. Notes
Nintendo: "Its unique design eliminates most external stimuli, totally
immersing players into their own private universe with high-resolution
red images against a deep, black background. The 3-D experience is
enhanced through stereophonic sound and a new, specially designed,
double-grip controller which accommodates multi-directional spatial
movement."

"We're bringing a totally unique, 3-D gaming experience to market
at an affordable price and in time to get a jump on the holiday shopping
season," says Peter Main, vice president of marketing for the Redmond,
Washington-based company. "We expect to sell more than 1.5 million
hardware units and 2.5 million pieces of software by the end of 1995."

                     -/- Virtual Reality Headgear Ships -/-

          Forte Technologies Inc. says it has started shipping its VFX1
 Headgear Virtual Reality System. The company, based in Rochester, New York, no
tes that
 the unit is the first truly integrated headset designed for PCs. The $995 produ
ct
 includes high-contrast 789- by 230-dot LCDs, a three-axis head tracker, high-fi
delity
 stereo headphones, a microphone and custom lenses. Also provided is a CD-ROM wi
th
 virtual reality versions of several popular PC games.

          "The VFX1 Headgear system is the only complete virtual reality
headset system available today," says Paul Travers, president of Forte
Technologies. "Unlike other head-mounted display systems that are bulky,
uncomfortable and allow outside environments in, the VFX1 Headgear is
ergonomically designed and truly immersive to enhance the computer
gaming experience."

          On CompuServe, virtual reality is discussed in the Cyber Forum (GO
CYBERFORUM).

                     -/- Game Software Alliance Formed -/-

          Entertainment software publisher Electronic Arts says it has
acquired a minority stake in NovaLogic Inc., an interactive game maker
located in Calabasas, California.

          Electronic Arts, based in San Mateo, California, also reports that
NovaLogic has signed a four-year agreement under which Electronic Arts
will have exclusive distribution rights for NovaLogic's CD- and
floppy-based entertainment software in English-speaking countries.
Financial terms of the agreements weren't disclosed.

Founded in 1985, NovaLogic's products include Comanche, Armored
Fist, WolfPack and Ultrabots. Electronic Arts says the company pioneered
real-time interactive 3-D rendering for the PC with its proprietary Voxel
Space technology.

"NovaLogic has some of the best creative talent in the interactive
entertainment software industry," says Larry Probst, chairman and CEO of
Electronic Arts. "This is an investment in a successful, growing
publisher with great products, a proven track record, and leading-edge
technology."

The NovaLogic deal is the latest in a string of software publishing

investments and acquisitions made by Electronic Arts over the past
several months.

> Jaguar Easter Eggs/Cheats/Hints STR InfoFile - Solving Those Riddles!
  """

> Hover Strike "Secret Missions" Codes!
  """""""""""""""""""""""""""""""""""""

From CompuServe's Atari Gaming Forums:

Just got some codes off the net c/o Jeremy Haines. After completing
Hoverstrike you are given codes for the game. The codes allow you to
access a secret mission on each level which is filled with powerups.
If you enter the codes correctly you will receive a tone. I have not
tried them yet but here they are.

Level 1: 2+3+6+up
Level 2: 2+6+7+8+down
Level 3: 3+5+6+right
Level 4: 2+5+8+up
Level 5: 2+4+5+6+right

[Editor's note: These codes are not confirmed]

> Jaguar Online STR InfoFile   Online Users Growl & Purr!
  """""""""""""""""""""""""""""""

         CATnips... Jaguar tidbits from Don Thomas
         """

                        E3 is NOW!

The first wave of Atari people have invaded the Los Angeles area with
several more waves to follow. Along with them are boxes sealed with
pilfer-proof tape and scores of developer carts. While the U64 has been
delayed and 3DO makes promises of a machine that has yet been shown to
exist, the 64-bit Jaguar has passed its most difficult hurdles. Atari
has proven 64-bit technology does exist. Atari has proven they are here

for the long haul and Atari has some really cool things to show the industry at E3. You will undoubtedly hear reports early on. In fact, the pros at Atari Explorer Online will be filming two separate and intensive videos at E3. Make sure you pick up their issue to be released this week for ordering info.

As E3 progresses through the weekend, two teams of us will be sneaking away from the convention center with E-Proms to show at selected Jaguar retailers in the LA area. There will be hundreds of T-shirts given away and we will share the latest E3 news.

On Thursday night (May 11) from 6pm to 9pm, John Skruch will be leading the "TRF" (Thea Relm Fighters) team to the Virgin Megastore located at 8000 Sunset Boulevard in Hollywood. John has produced countless game titles back to the 8-bit days and remains faithful to the fun-factor philosophy at Atari.

Also from 6pm to 9pm Thursday night, Don Thomas and Tal Funke-Bilu make an encore appearance at the Wherehouse located at 3115 Foothill Boulevard in La Cresenta. Don and Tal travelled last weekend. They met with Albert Dayes of Atari Explorer Online and Juan Gonzalez who is active on the Internet. They even met Ed of Industrial Light and Magic and we saw a prototype of Darth Vader's stunt double's helmet for the upcoming film. Ed got two T-shirts! <g>

On Friday from 6pm to 9pm, see John and the TRF renegade at Electronics Boutique located at 108 Lakewood Center in Lakewood. OR see Tal and Don at The Good Guys at 1401 Hawthorne Boulevard in Redondo Beach.

I apologize to all CATscan members for not getting the latest issues of online mags up sooner. It is now up to date and I will refresh it again as soon as I return on Monday. CATscan BBS may be accessed by dialing 209/239-1552.

<div align="center">****</div>

Sb: Jaguar CD - Release Date
Fm: Laury Scott [ATARI] 75300,2631
To: All

We will be announcing at E3 an August release date for the CD. It will be $149 and will include 3 CD's - Vid Grid (music videos in a puzzle game), the Tempest 2000 audio CD and one other CD game.

The software development has taken longer than expected and is the main reason for the delay.

We expect to have 6-8 game titles available at the time of shipment.

The following titles will be coming out with or shortly after the CD player:

        Demolition Man
        Baldies
        Creature Shock
        Highlander I
        Myst
        Blue Lightning
        Battlemorph
        Dragon's Lair

Note: As many of you have speculated the Hardware has been done for some
time and we have just been waiting on the software. The software is
coming along fine (as anyone attending E3 will be able to see) and we
are now able to commit.

-Laury

Sb: New Hardware Info
Fm: Laury Scott [ATARI] 75300,2631
To: all

I will take this opportunity to give you all a preview of the new hardware that
will be
shown at E3 -

Jag Link Interface - The Jag Link will be in stores next month at about $30. Th
is
product will allow you to connect 2 Jaguars to play such games as Doom, Battles
phere,
etc.

C2 (I don't know what name Marketing has settled on) - The new 6 button control
ler will
be released during the summer and should sell for around $25.

Team Tap - The 4 player adapter will also be available during the summer and sh
ould sell
for around $25. It will be available by the time we ship White Men Can't Jump
which
will be the first title to support it. Arena Football will also support it and
I am
hearing rumors about it being able to support 8 players.

Jaguar VR - We will be announcing the Jaguar Virtual Reality System at E3. I w
ill
provide some more information about it later this week.
-Laury

*****

PRE-E3 SHOW NEWS
================

by Andy Eddy, Delphi's Video Gaming Forum manager

Okay, here's some news from the Electronic Entertainment Expo. Excuse my genera
lity,
because all the news hasn't been fleshed out.

* As you probably know by now, Nintendo has delayed the Ultra 64 to April 1996.
A
presentation downplayed the delay, and emphasized the system it will be bringin
g out in
August, Virtual Boy. The show hasn't started yet, so we can't say how good the
games
will look, but Nintendo claims close to 100 VB licensees.

* Software for Nintendo includes Killer Instinct for SNES and Game Boy(?!), Don
key Kong
 Country 2 (which focuses on Diddy's adventure and a new female sidekick who can

 propeller her ponytail), Donkey Kong Land for Game Boy and Earthbound for SNES.

 * Sony is gearing up for the PlayStation's release. I didn't get a firm price a
nd date,
 but I heard about $350 and September. Again, as the show goes on, I'll have mor
e info.
 Many of the people I talk to (including journalists and developers) seem to thi
nk that
 Sony will have the upper hand in sales vs. Sega and even (later) Nintendo. Game
s in the
 Sony booth will be reported on later.

 * Sega reportedly thought that Sony was going to have a *giant* booth at E3. So
 they
 went wild spending money, only to find that Sony had a pretty *normal* booth. (
g) Sega
 also has been buzzing the various pre-show parties with a slew of Sega Saturn
vans with
 Cherry Coke logos on them too. However, the big news is Sega's release of the S
aturn to
 three chains of stores (so far a rumor and with the three store chains unknown
by me at
 this point) TOMORROW (May 11)! Price isn't determined, but pack-ins are reporte
d to be
 Virtua Fighter *and* Panzer Dragoon.

 * 3DO again demo'ed the M2 upgrade, which was *very* impressive. However, very
few
 people (because the demo was on video) believed that this truly existed. Even s
o,
 there's no announcement of price, availability or who the hardware manufacturer
(s) will
 be. Trip Hawkins told me that they are looking to the current hardware manufact
urers for
 its construction and release. A reporter from Time asked how 3DO would compete
against
 "a company with deep pockets, Sony," and Trip answered that they are in good sh
ape and
 that his personal commitment was far beyond any other company head in the indus
try.

 * Not much to report on Atari, because they didn't have a pre-show event, but I
 did talk
 to Garry Tramiel, who gave a very confident dissertation on how they are in a g
reat
 position with a $159 price against Sony, Sega and 3DO, with a CD unit just arou
nd the
 corner.

 I'll definitely have more to report on as the show progresses. Heck, it hasn't
even
 started yet as I write this!
                                             A E

                        _____

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> ONLINE WEEKLY STReport OnLine          The wires are a hummin'!
    """"""""""""""""""""""""""""""""
```

<pre>
                        PEOPLE... ARE TALKING
                        =====================
</pre>

 On CompuServe
 ----
 compiled by
 Joe Mirando
 73637,2262

 Hidi ho friends and neighbors. I just got back from Washington DC for a friend
s
 wedding. I took a couple of extra days so that I could see the sights.

 I made my usual pilgrimage to the Air and Space Museum in the Smithsonian where
 I got
 the chance to see a "show" at the Einstein Planetarium. If you ever find yours
elf in DC
 with a couple of hours to kill, go directly to the Air & Space Museum! Next we
 (my wife
 and I) walked to the Washington Monument and along the reflecting pool to the L
incoln
 Memorial. Even though the Parks Service is now working to determine the best w
ay to
 restore the memorial (there are scaffolds everywhere), this was still my favori
te place
 in all of Washington. I've never thought of myself as an especially patriotic
person
 but I've found that when I'm standing inside the Lincoln Memorial, reading Hone
st Abe's
 words, peering into that huge, weary, ever-so-slightly down-turned face, and ev
en
 looking at the profile of Mary Todd Lincoln in the curls of Abe's hair, I feel
oddly at
 peace. Even with the ever-present noise within and without the monument, it's
like I'm
 all alone with the giant Lincoln, waiting for a bit of wisdom or a sample of hi
s famous
 humor from across more than a century. Yes, there is much that we can learn fr
om
 Lincon... much that we should have learned already perhaps, but perhaps there i
s still
 time.

 Well I guess that's enough of my babbling. Let's get on with the real reason f
or this
 column... all the great news, hints, and tips available every week right here o
n
 CompuServe.

```
From the Atari Computing Forums
===============================
```

On the subject of accessing the Internet with an ST, Chris Roth tells us:

   "I had my first PPP connect to CompuServe today! And I even managed to
   try a ftp session. Unfortunately it was slow again, but I don't know
   how far that depends on the business hours in the States, where the
   Internet, meanwhile, seems to be helplessly overloaded.

   However, I am kind of happy..

   I'll post instructions and the setting files in the next messages."

Michel Vanhamme tells us:

   "I've been trying to contact Behne & Behne (makers of NVDI) for upgrade
   information by mail and e-mail for quite some ime now, and have had no
   reply yet. I'm wondering if, just maybe, the addresses I have are
   correct, so I'd be glad if someone could correct/confirm this

   Behne & Behne Systemsoftware GbR Lindenkamp 2 31515 Wunstorf Germany

   e-mail: Wilfried_Behne@H.maus.de

   BTW I had the same problems with OverScan (makers of Screenblaster) so
   I'm still trying to find their address too!"

 Simon Churchill asks Michel:

   "Are you in Europe or the U.K.?

   If so then you can get details about NVDI from System solutions and
   details about Screenblaster from COMPO, they are both well established
   companies and give all the help they can."

 Michel tells Simon:

   "I'm in Europe (Belgium).

   Re: Screenblaster, the dealer I bought it from told me I had to contact
   OverScan in Germany directly. But your reply gave me an idea: I might try Com
po
   in the Netherlands one of these days (no Compo in Belgium, alas).

   Also, I'll annoy the dealers here one more time..."

 Back to accessing the 'net with an ST. Chris Roth tells us:

   "Since I managed to get a PPP connect with the NOS package (available
   here in the Libs) I want to share my 'knowledge':

   I have put NOS in the directory c:\nos and start it with the parameters
   "-dc:\nos", so that I don't have to keep startup.nos nd dialer.pp0 on
   the root directory. I noticed that on my Falcon NOS bombs on exiting
   when run in 16-color mode. As it doesn't do so in mono mode, I didn't
   try to locate the failure.

   Here is my startup.nos file:

```

```
# startup file for KA9Q-NOS ST (DIS Version)

log c:\nos\nos.log

# Attach the SLIP driver to the serial port

#       if  port 0 slip dev buff mss  baud
#       --- ---- - ---- --- ---- ---  ----
attach asy AUX: 0 ppp pp0 4640 1500 19200

#dialer pp0 dialer.pp0
#
ppp pp0 lcp local accm 0
#ppp pp0 lcp local compress address on
#ppp pp0 lcp local compress protocol on
ppp pp0 lcp local magic on
ppp pp0 lcp open active
#
ppp pp0 ipcp local compress tcp 16 1
ppp pp0 ipcp open active
#
route add default pp0

domain addserver [149.174.64.41]

# how many hops before a packet is discarded (Time To Live)
ip ttl 64

# tcp parameters can be tuned.
tcp mss 960
tcp window 5000

echo refuse

# Start the servers

start smtp
start ftp
start echo
start discard
start finger
start telnet
------------------------------------------------------------------
```

I used pricipally the startup.nos found in the archive here in the
Libs. I have commented out two of the "ppp pp0 local compress ..."
commands because the resulted in error outputs at startup. Also,
there's a commented dialer command in the file that can be removed for
automatic connect.

The login script (dialer.pp0):

```
------------------------------------------------------------------
#
# Sample login script for CIS
# replace  tel number, User ID ad password!
#
configure:
init "ATZ\"
dial_cmd "ATD"
ld_code ""
```

```
     number "12345678\r"
     retries 1
     #
     execute:
     init
     cwait  10000 "OK"
     dial
     cwait  45000 "CONNECT" "BUSY" "NO CARRIER"
     wait 2000
     send "\r"
     cwait 50000 "ame:"
     wait 1000
     send "CIS\r"
     cwait 50000 "ID:"
     wait 1000
     send "User,ID/GO:PPPCONNECT\r"
     cwait 50000 "ord:"
     wait 1000
     send "YourPassword\r"
```

     With the command "dialer pp0 dialer.pp0" the login script starts and
     connects your modem to CompuServe, establishing PPP protocol. You can
     issue "ppp" after a few secs to see your current ip address. I suggest
     one also could configure a name for the own host in startup.nos with
     the "hostname" command. I tried "100321.1763@compuserve.com" but don't
     know which effect it produces.

     It was interesting to learn that you can open more than one session
     and switch between them. F.i. I did a hopcheck to various Austrian
     sites (which took quite a time ;-) and then opened a ftp session. F10
     always takes you back to the commando cental. There you can view your
     current sessions or switch to a specific one with the "session"
     command.

     Note also the file domain.txt that grows in your nos directory - hehe.

     I hope that's help for some of you and I didn't forget something
     essential."

 Michel tells Chris:

     "I'm glad you're getting somewhere!

     Hum, I'm afraid you're way ahead of me for the moment. So, what you'll get fo
r
     now is just a bunch of questions <g>.

     Anyway, I _think_ I got logged on... but I couldn't do anything afterwards.

     I'll start with 3 questions:

     1) > You can issue "ppp" after a few secs to see your current ip
          address. "ppp" alone just got me a "usage: ppp <iface>". So I
          tried "ppp pp0", and NOS issued a bunch of cryptic messages. Among
          them, though, were 2 IP addresses. I assumed that meat that my
          connection was OK. On the same note, I tried the command "ip
          address", which also gave me an address. Am I right so far?

2) Then I tried anftp session. I typed "ftp site.name" (site.name
     being sites that I know for sure to exist), with different sites.
     Every time NOS issued a message "Resolving site name" or something
     similar, ad after a while, "host unknown", or something similar. So,
     either I did something wrong at this stage, or I had been wrong
     before (wrong connection from the start)... :-(

  3) How do you get the thing to hang up? I thought that when typing
     "exit", the program wouls also hang up, but no..."

Chris tells Michel:

  "...you were connected to the internet!"

There is lots more folks, but let's move on to something else. Milton
Horst tells us:

  "I'm getting tired of finding CIM-only applications on CompuServe that
  I can't access with my ST. The new United Airlines is CIM-only, and
  Worldspan Travelshopper plans to discontinue their ASCII support.

  We need a CIM for Atari. I have a couple of C compilers and would be
  willing to try writing one if I could get the interface specs."

Ethan Mings tells Milton:

  "I agree. It is frustrating to find a "CIM alike" for the atari
  computer. What I don't know is, how many people still have ataris and
  how many are willing to stick with the plateform for a least the next
  five years. I know I have a mix of atari and DOS based machines at
  home. Even DOS based applications are not being upgraded. Instead
  programmers are spending their resources on windows based applications.
  Maybe, before you committee the time, you should post a quick
  questionnaire in the fourm to find out how many people would be willing
  to commit and what type of hardware they currently are using.

  I'll start. Mega st4, 250 hard drive, TOS 2.06. Yes I purchase the
  software for a maximum of $50.00. I'd want upgrades through the fourm.

  Hope this helps.

  PS I am computer user not a programmer. So my comments are from a
  user standpoint."

Alberto Sanchez adds:

  "I absolutely agree. I have Falcon 030 and (for BBS -NeST system- and
  communications) a MegaSTe 4Mb I also agree paying for that AtariCIM
  round $50. I feel it just for programmer and cheap enough to be
  successfull. Please, do it!!!!!! Saludos."

Sysop Jim Ness bursts our bubble:

  "CompuServe protects the HMI protocol (used within CIM) by providing
  compiled object code to developers, and giving devs the spec for
  accessing the module.

  They only distribute the module compiled for DOS, Windows, OS/2, Mac
  and certain palmtop portables. There is no ST version, therefore there
  is no way to use HMI on the ST."

Chief Sysop Ron Luks adds:

  "While I appreciate the offer to write a CIM for the Atari, you can't
  write a CIM without a CIS-provided CIM toolkit which they are not
  porting to the Atari OS.

  There will be more and more CIM-only areas on CompuSErve and someday
  (regretably) this may turn into a CIM-only service. Thats definitely
  the way its headed.

  You wont see a CIM for CP/M or the Coleco Adam or the Atari ST. Just
  like you can't go to the local movie store and rent beta-format movies
  for most releases, the Atari ST like Beta, CP/M, and other discontinued
  formats is simply being left behind."

Chris Roth summarizes:

  "That's simply bad news.

  So the only hope to stay tuned with the Ataris is that there will be a
  WWW Browser and you'll find an Internet provider."

Michel Vanhamme tells Chris:

  "I think there will be a WWW browser. The problem is when... ;-)

  A little namedropping to lift our hopes, maybe? There's a WWW browser
  called Lynx currently under development. It seems you can even download
  a beta version. Here's an address : ftp.twi.tudelft.nl, directory:
  pub/atari/lynx/. Of course, you must be able to do FTP, which brings
  us back to square one. <G> Oh, and it can be tried out by telnet to
  www.twi.tudelft.nl, login as 'lynx'. Better than nothing...

  On the subject of this HMI protocol that's only distributed in
  compiled form: maybe we should do a fundraiser and buy the CIS guys a
  compiler for our machines..."

Shelly "G" asks:

  "What's new with Compo's latest Falcon Speed emulator. Does anyone
  know?"

Albert Dayes of Atari Explorer Online Magazine tells Shelly:

  "Currently still the 286 version. Nothing much has been said about the
  486 version."

Michael Gaitor asks:

  "Does anyone know of a disk editing utility for the 1040 ST that is
  comparable in ability to the PC's NU or DiskEdit (Norton Utilities) or
  DE (Central Point PC Tools, which is sadly disappearing after being
  bought by its main competitor, Symantec/Norton, apparently to crush
  competition)? I really screwed up an ST floppy disk by trying to
  unerase a file from it on my PC using NU. Now the disk is all but
  totally useless on my ST and I lost valuable data. (No HD on my ST, so
  no backup, either.) I did nothing else to the disk so I'm hoping
  there's _some_ way to salvage the data, though I've been totally
  unsuccessful so far."

Albert Dayes of Atari Explorer Online Magazine tells Michael:

   "There is Disk Mech which should be in the library which is a good
   sector editor for floppy disks. The newest version of ORA's Diamond
   Edge has a sector editor (I don't know the quality of it). Then there
   is Knife ST by HiSoft/ORA.

   You can find ORA and HiSoft/ORA products at an Atari Dealer like (Toad
   Computers).

   Can you read the floppy disk on the PC? If so it might be useful to
   copy all of your files to another disk or hard drive on the PC. Then
   copy them back to newly formatted PC disk (720K) and see if that
   works."

Michael tells Albert:

   "Thanks for the info. Unfortunately, I _did_ try copying the files to
   the PC, copying to another diskette and then moving back to the ST, but
   apparently the directory structure is corrupted ('think there are also
   two physically bad sectors) and neither NU or DE will read the
   directory and FAT correctly. The files, when moved back to the ST, are
   just garbage. I think the FAT may be incorrect or offset by some
   factor and everything else is being thrown off."

Sysop Bob Retelle tells Michael:

   "We should have a program in our library here called RECOVR (I
   believe that's the name), which lets you read the sectors from a disk
   one by one and selectively save them into a disk file sequentially.

   It's not much good for binary files, but for readable text it can help
   you recover lost files. Naturally, it works best if the file is
   completely contiguous on the disk, but you can also save out sections
   and rearrange them in a word processor if necessary.

   I've only had to use it once or twice myself, but when I did need it,
   it worked pretty well."

Michel Vanhamme asks about a particular file extension:

   "I downloaded a file with the .tgz extension from a BBS. I assume tgz
   stands for a compression protocol, but I have no utility that
   decompresses such files. I browsed the libraries with the keyword TGZ
   but nothing came up. Can anyone help?"

Albert Dayes tells Michael:

   "It sounds like the file has tar and gnu zip used to create it."

Carl Barron adds:

   "In Unix the command is gzip -dc filename | tar xf -
   In pre mint atariland this done as

              gzip -dc filename >tempfile.tar
              tar   xf tempfile.tar
              delete tempfile.tar.

Some pre mint cli's will accept the unix syntax but do it as I showed
above. A mint aware shell can do it the same way unix does and avoid
the HUGE tempfile.tar

Also beware unix filenames are not restricted to 8.3 and this can cause
some conflicts in names chosen by tar during extraction. There are
ways to get all the files out of the tar file even if they all would
reduce the the same 8.3 name."

Eric Minoli asks for help:

"I have a PC computer. I would like to copy my ASCII files from my
atari Mega ST to my PC. I used STTOPC.COM but it didn't work (error
message is : Unable to read boot sector - status byte is hex 10). I
try to use FDREAD.EXE and other program but without good results.

May be someone can help me to copy my atari files to my PC."

Albert Dayes tells Eric too...

"Format a 720K floppy on the PC and then use on your Atari to transfer
files in both directions."

Sysop Bob Retelle asks Eric:

"Do you still have your MegaST computer..?

If so, then Albert's suggestion to format a floppy on the IBM computer
and use it to transfer the files should work well...

If you don't have an Atari computer any more, it's more complicated.
I do know that we've had members here report that they've used the
STTOPC program successfully, so maybe they can give you some help in
that area..."

My old pal Doug Finch asks for help:

"Atarians past, present and [:)] future: I realize that I'm about five
years late (or more), but I recently picked up somebody's unused Zubair
Z-RAM 3-D/4MEG upgrade kit for my old Atari 520STFm. Came with 2MB f
RAM seated on the board, would like to add 2MB more to get full use of
its capacity. Have some questions for anyone who has done the upgrade
and knows what they're doing (or did):

1) Board was populated with Samsung(?) RAM chips (KM41C1000P-10). In
   obtaining extra RAM, do I need to get EXACTLY the same type of
   chips to fill the restof the board, or are others OK as long as I
   match the speed of the existing ones? Do I need to know anything
   about the limitations of the ST with regard to faster RAM chips? Can
   anyone direct me to distributors that carry these chips for a decent
   price?

2) My unit has the original TOS 1.0. When I get around to upgrading
   this, are any more recent versions of TOS incompatibl with the Z-RAM
   upgrade?

3) MMU is older CO25912-38, so I apparently do NOT have to replace it
   to accomodate all 4MB, right?

4) Would appreciate additional tips anyone might have to make the

upgrade a successful one."

Andreas Rosenberg tells Doug:

   "Re: 1) Any one mega bit chip that's organized 1M*1 (NO 256K*4) that is
   faster than 150ns should work.

   Re: 2) TOS versions below 1.04 are a little bit slow in dealing with 4
   megs. You should upgrade to 1.04 (or even 2.06) because you will get
   more speed, more comfort and less bugs. You could make the TOS
   switchable if you have older programs, that won't run on a newer TOS.

   Re: 3) No idea. I've running a 4MB upgrade in a 260ST for several years
   and it works perfectly."

Sysop Bob tells Doug:

   "Do you have the installation instructions for the Z-RAM board..?

   The ST can only address 2 banks of memory, no matter how large each
   bank may be.. the motherboard RAM is one bank and the 2 Megs currently
   on the Z-RAM board is the other. If you go to 4 Megs, both baks will
   be on the Z-RAM board, and the original RAM will have to be disabled.
   The Z-RAM documentation should detail how to do that.

   As Andreas mentioned, any 256K x 1 RAM chips should work. There
   shouldn't be any speed related problems at all, as long as you keep the
   same speed within the individual banks of memory."

George Kopeczky asks for opinions...

   "I'd like to hook up my Atari ST 1040 with a host adapter to my Mac's
   SCSI chain. (consisting of a CD-Rom, HD, Syquest, Bernoulli, 600 Meg
   optical, & scanner) to access these goodies.

   The scanner might be impossible to use without additional software, the
   Mac-formatted HD won't work, but the remaining remvables should work (
   I guess).

   Any suggestions from someone who already managed to carry out a such
   feat?"

Kevin at PG Music tells George:

   "I too would like to connect my Falcon030 and Quadra 660av together via
   SCSI.... mainly so I could share the CD-ROM and SyQuest drives.

   Let me know what you find out. I haven't tried it yet. :)

   It is one of those things I just haven't gotten around to tinkering
   with."

Chris Roth tells Kevin:

   "I did and still do sometimes connect my Kurzweil K2000 Sampler/Synth
   via SCSI with the Falcon. They share a Syquest reovable. It works, you
   just have to pay attention that they NEVER try to access the same
   device at the same time.

   I once destroyed a whole partition byaccessing the Syquest with the

Kurzweil and meanwhile started SCSI-Tools on the Falcon...

   Anyhow, if you're using advanced hd drivers, you can write protect
   partitions."

George Kopeczky asks:

   "I wonder, what does an ICD Host adapter (with a box) for the ST 1040
   cost. (Are there several versions or only one, BTW?)"

Albert Dayes tells George:

   "The most current ICD host adapter is the AdSCSI+. There are also
   external ones like the LINK and LINK 2. Both the AdSCSI+ and the LINK 2
   support parity.

   You can have dealers build boxes for you. Atari dealers like Toad
   Computers is just one of many."

George asks Albert:

   "So, all in all, there are three kinds of host adapters. OK. Which is
   the best if I want to hook up the cheapest 'big' Mac-compaible SCSI
   drive I can find?

   (Something like the second hand optical removable 600Meg for $800 I
   run into from time to time on AOL Classifieds?)

   I can understand the difference between an internal and external host
   adapter, but the meaning (and role) of parity isn't quite clear to me."

Albert explains:

   "I don't think ICD makes host adapters anymore that do not support
   parity. It is good to have the parity option (so you can use it if you
   need it). Anyway Link2 and AdSCSI+ are the adapters too look for.

   I think of AdSCSI+ as an internal board which must be placed into a box
   or cabinet. The LINK 2 is about the size of a seral (25 pin) gender
   changer. It plugs into your DMA port and then you plug the SCSI cable
   into the LINK 2. The SCSI cable would be coming from your device which
   could be anything like CD-ROM, Hard Drive, MO drive, etc...

   Parity is basically a simple error checking scheme. You basically add
   up all the bits and set the parity bit based on the result. There are
   different types of parity (odd, even and none). If the result of
   adding all of the bits is odd then the odd parity would be set (if
   using odd parity). If the result of adding all of the bits together was
   even then the parity bit would be set to zero."

From the Portfolio Section of the Palmtop Forum
==

Jeremy Setter posts:

   "I have noticed several messages mentioning DIP in the UK who can
   supply replacement Portfolios and accessories. I have used them
   frequently for memory cards and for Portfolio programmes.They can be
   reached at:

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                    DIP Systems Limited:
                    Tel: +44 1483 301555
                    Fax: +44 1483 578072
                    Mob: +44 831 513938

                    32 Frederick Sanger Road
                    Surrey Research Park
                    Guildford GU2 5XN, UK"
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 Alan Ogden tells Jeremy:

   "I beleve that DIP developed the Portfolio and Atari just badged and
   sold it. One may still get Ports from DIP and there is at least one
   deler who advertises them in U.K. computer mags at about 100 pounds.
   DIP will do repairs too but they are not cheap.   The main problem
   seems to be the cable to the screen which wears with the constant
   opening and closing of the case."

 Well, that's about it for this week. Join me again next week, same time, same
channel,
 and be ready to listen to what they are saying when...

                         PEOPLE ARE TALKING

          """

                      STReport's "EDITORIAL CARTOON"
                      """""""""""""""""""""""""""""""""

> A "Quotable Quote"   A true "Sign of the Times"
  """""""""""""""""""

                      How to Change a Lightbulb

   Q: How many WordPerfect support technicians does it take to change a
      light bulb?

   A: We have an exact copy of the light bulb here, and it seems to be
      working fine. Can you tell me what kind of system you have? OK. Now
      exactly how dark is it? Ok, there could be four or five things
      wrong....Have you tried the light switch?

   Q: How many managers does it take to change a light bulb?

   A: We've formed a task force to study the problem of why light bulbs
      burn out, and to figure out what, exactly, we as supervisors can do
      to make the bulbs works smarter, not harder.

   Q: How many testers does it take to change a light bulb?

   A: We just noticed the room was dark; we don't actually fix the
      problem.

   Q: How many Microsoft technicians does it take to change a light bulb?

A: Three. Two holding the ladder, and one to screw the light bulb into
   the faucet.

Q: How many MIS guys does it take to change a light bulb?

A: MIS has recieved your request concerning your hardware problem and
   hads assigned your request service number 39,712. Please use this
   number for any future references to this light bulb issue.

Q: How many C++ programmers does it take to change a light bulb?

A: You're still thinking prodeduraly. A properly designed light-bulb
   object would inherit a change method from a generic light-bulb
   class, so all you'd have to do is send a light-bulb-change message.

Q; How many developers does it take to change a light bulb?

A:The light bulb works fine on the system in my office...

Q: How many shipping department's pesonnel does it take to change a
   light bulb?

A: We can change the light bulb in seven to ten working days, but if
   you call before 2 p.m., and pay an extra $15, we can get you the
   bulb changed over night.

Q: How many Microsoft engineers does it take to change a light bulb?

A: None. Bill gates will just redefine Darkness [tm] as the new
   industry standard.

Q: How long does it take a DEC repairman to change a light bulb.

A: It depends on how many burnt out light bulbs he brought with him.

Q: How many Microsoft vice presidents does it take to change a light
   bulb?

A: Eight. One to work the light bulb, and seven to make sure Microsoft
   gets $2 for every light bulb ever changed around the world.

Q: How many Atari execs does it take to change a light bulb?

A: We no longer support that product, however the new Jaguar CD does
   include a virtual light bulb that never needs changing!

No. 1119